



STIC Search Report

EIC 3600

STIC Database Tracking Number: 158194

TO: Yogesh Garg
Location: 5C09
Art Unit : 3625

Case Serial Number: 09766934

From: Bode Akintola
Location: EIC 3600
KNX 4 B 59
Phone: 571-272-3514

Olabode.akintola@uspto.gov

Search Notes

Examiner Yogesh,

Please find attached the results of your search request.

If you need a refocus, let me know.

Thanks,

Bode



STIC EIC 3600 Search Request Form

Today's Date: 6/30/05 Class/Subclass 705/40 What date would you like to use to limit the search?
Priority Date: 1/22/07 Other: _____

Name GARG 406887
AU 3625 Examiner # 78595
Room # _____ Phone _____
Serial # 09/766934

Format for Search Results (Circle One):

PAPER DISK EMAIL

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB

IEEE INSPEC SPI Other _____

Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC3600 and on the EIC3600 NPL Web Page at <http://ptoweb/patents/stic/stic-tc3600.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

See Attached.

STIC Searcher _____ Phone _____

Date picked up _____ Date Completed _____



Y0 GESH C EX. GARG-AY 3625 = CS 70

Serial No. 09/766,934

- 9 -

50404sh

APPENDIX A
CLAIMS ON APPEAL

1. A method for providing particularized billing services, the method comprising the steps of:
 - selecting a client for whom a bill is to be produced, and performing the following operations within a local, expanded, or global computing environment;
 - extracting a list of software objects from a library of objects, each object being operative to generate a predefined bill format with specific fields for the selected client;
 - invoking at least one of the software objects to collect data pertinent to the client and to the specific fields in the bill format; and
 - producing the bill having the defined bill format, with the data collected for the selected client in the appropriate fields.
2. The method of claim 1, wherein a portion of the collected data is correlated to more than one of the specific fields in the bill format.
3. The method of claim 1, wherein the collected data further comprises detailed information pertinent to a billing account of the client.
4. The method of claim 3, further comprising the step of segmenting the detailed information into different portions of the bill.
12. The method of claim 1, further comprising the steps of selecting a language in which to produce the bill and converting all correlated data to the selected language prior to generating the bill.
14. The method of claim 13, wherein the defined bill format further comprises a closing bill.
15. The method of claim 13, further comprising the step of producing a duplicate bill.

16. The method of claim 1, wherein the defined bill format further comprises a corrected bill image.

17. The method of claim 1, wherein producing the bill further comprises one or more of the following: presenting a bill image on a display device, printing a bill, sending a bill via email, and sending a bill via facsimile.

18. An automated system for generating particularized bills, the system comprising:
a billing control application;
a billing server application receiving instructions from the billing control application pertinent to a bill having a predetermined format for a client; and
one or more client usage data sources from which data pertinent to the predetermined format and to the specific client are retrieved and used to generate a bill having content particularized for that client.

19. The system of claim 18, further comprising an error correction module used in conjunction with the billing control application and the billing server application.

20. The system of claim 18, wherein the billing server application further comprises interactive and batch functionality.



STIC Search Results Feedback Form

EIC 3600

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

Karen Lehman, EIC 3600 Team Leader
306-5783, PK5- Suite 804

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 3620 (optional)

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to EIC3600 PK5 Suite 804



Set	Items	Description
S1	1	AU=(SIOUFI, A? OR SIOUFI A?)
S2	18569	BILLS OR BILL OR BILLING OR BILLED OR INVOIC?
S3	16374	PERSONALI? OR CUSTOMI? OR PARTICULARI?
S4	656088	TEMPLATE? ? OR OBJECT? ? OR FORMAT? ? OR LIBRARY
S5	587141	PREFILL? OR PRE()FILL??? OR FIELD? ?
S6	1201450	CUSTOMER? OR CLIENT? OR USER? OR PEOPLE OR PERSON? ? OR CO- MPANY OR PARTICIPANT? OR COMPANIES? OR INDIVIDUAL? OR ORGANIZ- ATION? ?
S7	2936902	DATA OR INFORMATION OR INFO
S8	5600393	GENERAT?. OR PRODUC? OR CREAT?
S9	55	S2(5N)S3
S10	48	S9 AND (S4 OR S5 OR S7)

? show file

File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)
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File 350:Derwent WPIX 1963-2005/UD,UM &UP=200542
(c) 2005 Thomson Derwent

10/5/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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017041236 **Image available**
WPI Acc No: 2005-365555/200537
Related WPI Acc No: 2005-365466
XRPX Acc No: N05-296317

Personalized printed material producing method for use in e.g. direct marketing, involves re-gathering stock sheet into designated sets of sheets, and presenting sets of sheets for final processing

Patent Assignee: SOLAR COMMUNICATIONS INC (SOLA-N)

Inventor: HUDETZ P R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050099657	A1	20050512	US 2003712291	A	20031112	200537 B

Priority Applications (No Type Date): US 2003712291 A 20031112

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20050099657	A1	21	G06F-015/00	

Abstract (Basic): US 20050099657 A1

NOVELTY - The method involves selectively gathering stock sheets (88) and assembling the stock sheets into designated sets of sheets. The stock sheets are sequentially processed in each designated set of sheets to image personalized **information** onto each stock sheet. The stock sheet re-gathers into the designated sets of sheets. The designated sets of sheets (100) are presented for final processing.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a system for producing personalized printed material.

USE - Used for producing **personalized** printed material in direct marketing, **invoice** preparation, **customized** documentation preparation and **personalized** book preparation.

ADVANTAGE - The method permits low-cost and high-volume production of personalized printed materials. The method enables a wide range of image materials to be automatically processed and packaged for delivery to recipients.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic block diagram of collation systems.

Stock sheets (88)
Designated set of sheets (100)
Conveyor lugs (94)
Bin (104)
Feed conveyor system (108)
pp; 21 DwgNo 4a/11

Title Terms: PERSON; PRINT; MATERIAL; PRODUCE; METHOD; DIRECT; MARKET; GATHER; STOCK; SHEET; DESIGNATED; SET; SHEET; PRESENT; SET; SHEET; FINAL; PROCESS

Derwent Class: S06; T01; T04

International Patent Class (Main): G06F-015/00

File Segment: EPI

10/5/2 (Item 2 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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017041052 **Image available**

WPI Acc No: 2005-365371/200537

XRPX Acc No: N05-296154

System for facilitating dynamic configuration of features provided to e.g. wireless phone, receives request to dynamically configure features by modifying feature information representing activated features

Patent Assignee: BENCO D S (BENC-I); OVEREND K J (OVER-I); SHEEN B S (SHEE-I); TRUE S L (TRUE-I); VOIGHT K J (VOIG-I)

Inventor: BENCO D S; OVEREND K J; SHEEN B S; TRUE S L; VOIGHT K J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050096032	A1	20050505	US 2003700962	A	20031031	200537 B

Priority Applications (No Type Date): US 2003700962 A 20031031

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20050096032	A1	11	H04M-011/00	

Abstract (Basic): US 20050096032 A1

NOVELTY - A feature selection module receives a request from a mobile station e.g. wireless phone, to dynamically configure features by modifying feature **information** representing activated features, and accesses subscriber database to verify whether mobile station is operative to allow the modification. The feature database and the billing database are updated according to recognized modification, based on the verification result.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for method for facilitating dynamic configuration of features provided to mobile station.

USE - For facilitating dynamic configuration of features including call forwarding, busy call forwarding, call waiting, voice mail, three-way calling, caller identification, detailed **billing** and **personalized** ringing provided to mobile station such as wireless phone and personal digital assistant (PDA).

ADVANTAGE - Allows dynamic configuration of network features by a subscriber, without interaction of wireless service provider.

DESCRIPTION OF DRAWING(S) - The figure shows the communication network.

pp; 11 DwgNo 1/8

Title Terms: SYSTEM; FACILITATE; DYNAMIC; CONFIGURATION; FEATURE; WIRELESS; TELEPHONE; RECEIVE; REQUEST; DYNAMIC; CONFIGURATION; FEATURE; MODIFIED; FEATURE; **INFORMATION** ; REPRESENT; ACTIVATE; FEATURE

Derwent Class: T01; W01

International Patent Class (Main): H04M-011/00

File Segment: EPI

10/5/3 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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016947880 **Image available**

WPI Acc No: 2005-272188/200528

XRPX Acc No: N05-223604

Computer readable medium storing program for supporting delivery of services and personalized content, includes integration module interfacing with edge network services module and platform modules associated with services

Patent Assignee: HODGES D (HODG-I); LITTRELL K (LITT-I); MENON J (MENO-I); PARSONS C (PARS-I)

Inventor: HODGES, D; LITTRELL K; MENON J; PARSONS C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050071443	A1	20050331	US 2001318572	P	20010910	200528 B
			US 2001318573	P	20010910	
			US 200136164	A	20011231	

Priority Applications (No Type Date): US 200136164 A 20011231; US

2001318572 P 20010910; US 2001318573 P 20010910

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20050071443	A1	11	G06F-015/173	Provisional application	US 2001318572

Provisional application US 2001318573

Abstract (Basic): US 20050071443 A1

NOVELTY - The medium comprises an integration module to interface with the edge network services module and multiple platform modules associated with corresponding services. The integration module includes network management services for the central point of presence, regional points of presence and edge points of presence of the edge network, and platform module support services for the platform modules.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for platform for hosting application program.

USE - Computer-readable medium having program modules for supporting delivery of services e.g. **billing** service and **personalized** content using edge network e.g. computer network, to client device such as personal computer, personal digital assistant, wireless telephone, electronic mail appliance, interactive television and gaming console.

ADVANTAGE - The distribution of **information** and services through the edge network reduces latency, since the **information** reside on the points of presence distributed throughout the network.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram illustrating an edge network that support delivery of services and personalized content.

pp; 11 DwgNo 1/4

Title Terms: COMPUTER; READ; MEDIUM; STORAGE; PROGRAM; SUPPORT; DELIVER; SERVICE; PERSON; CONTENT; INTEGRATE; MODULE; INTERFACE; EDGE; NETWORK; SERVICE; MODULE; PLATFORM; MODULE; ASSOCIATE; SERVICE

Derwent Class: T01

International Patent Class (Main): G06F-015/173

File Segment: EPI

10/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016947390 **Image available**

WPI Acc No: 2005-271698/200528

Related WPI Acc No: 2000-636953; 2005-252828; 2005-371354

XRPX Acc No: N05-223157

Electronic bill presentation and payment apparatus using internet, sends bill and payment remittance data in biller-defined format data structure with fields to hold consumer-changeable and consumer-unchangeable data

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: DENT W T; REMINGTON D B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050060261	A1	20050317	US 96734518	A	19961018	200528 B
			US 99459219	A	19991210	
			US 2004981875	A	20041105	

Priority Applications (No Type Date): US 96734518 A 19961018; US 99459219 A 19991210; US 2004981875 A 20041105

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20050060261	A1		22	G06F-017/60	Div ex application US 96734518 Cont of application US 99459219 Div ex patent US 6070150

Abstract (Basic): US 20050060261 A1

NOVELTY - A computing unit sends bill and payment remittance **data** including **data** hidden from consumer (114), in biller-defined **format data** structure with **fields** to hold consumer-changeable **data** e.g. payment amount and consumer-unchangeable **data** e.g. payee name, to consumer computing unit. Consumer unit allows consumer to authorize bill payment, associates payment with remittance **data** and sends remittance **data** to biller (112) in same **format**.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) computer readable recorded medium for storing computer-executable components for electronic bill presentation and payment; and

(2) electronic bill presentation and payment system.

USE - For presentation of bill related to goods or service purchased/leased by consumer to the consumer's computer from computing unit of biller e.g. government, merchant, bank, through e.g. Internet, and electronic payment of bill by consumer.

ADVANTAGE - The **bill** and remittance **data** can be **customized** by the biller for compatibility with the biller's existing accounting software, and the bill can be artistically designed to be unique to the biller. The consumer is allowed to challenge items in the bill and control the payment remittance process while ensuring that the payee is always the biller. The bill supports automatic remittance processing while minimizing errors that slowdown the remittance processing.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the electronic bill presentation and payment system.

biller (112)

consumer (114)

networks (116, 126)

banks (122, 124)

bill (128)

pp; 22 DwgNo 4/12

Title Terms: ELECTRONIC; BILL; PRESENT; PAY; APPARATUS; SEND; BILL; PAY;

DATA ; DEFINE; **FORMAT** ; **DATA** ; STRUCTURE; **FIELD** ; HOLD; CONSUME;

CHANGE; CONSUME; **DATA**

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016731494 **Image available**

WPI Acc No: 2005-055770/200506

XRPX Acc No: N05-048373

Billing/payment information manipulation method in browser interface system, involves displaying billing records with formatted field information according to retained criteria, without invoking separate application program

Patent Assignee: NCR CORP (NATC)

Inventor: ROWLAND T M; ZENNER H B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6832212	B1	20041214	US 97940702	A	19970930	200506 B

Priority Applications (No Type Date): US 97940702 A 19970930

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6832212	B1		11	G06F-017/00	

Abstract (Basic): US 6832212 B1

NOVELTY - The retained criteria such as sorting, highlighting, filtering and aliasing for **personalizing** the display (50) of detailed **billing** records downloaded through internet, are accessed. The display of **field information** (54) within the records, is formatted automatically, and displayed according to the retained criteria, without invoking separate application program, for operating on the **field information**.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for internet browser interface.

USE - For manipulating billing/payment **information** in browser interface system used in computerized banking applications.

ADVANTAGE - Enables user to access detailed transactions which permits aliasing of the entries and provides consumer query capabilities.

DESCRIPTION OF DRAWING(S) - The figure shows an exemplary display screen of the bill browser application.

display (50)

billing **field** description (52)

field information (54)

aliasing **information** (56)

account **field** (58)

pp; 11 DwgNo 3/4

Title Terms: BILL; PAY; **INFORMATION** ; MANIPULATE; METHOD; INTERFACE; SYSTEM; DISPLAY; BILL; RECORD; **FIELD** ; **INFORMATION** ; ACCORD; RETAIN; CRITERIA; INVOKE; SEPARATE; APPLY; PROGRAM

Derwent Class: T01

International Patent Class (Main): G06F-017/00

File Segment: EPI

10/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016704314 **Image available**

WPI Acc No: 2005-028590/200503

XRPX Acc No: N05-024630

Vendors electronic invoicing formats provision method in electronic commerce, involves displaying electronic invoicing format that are authorized to vendor for use, based on selected payor and authorized

vendor data , when invoicing payor
Patent Assignee: IPAYABLES INC (IPAY-N)
Inventor: RIPLEY R L; TITEL J M; VIRGIN K L
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6826542	B1	20041130	US 99167103	P	19991123	200503 B
			US 2000721570	A	20001122	

Priority Applications (No Type Date): US 99167103 P 19991123; US 2000721570
A 20001122

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6826542	B1	25	G06F-017/16	Provisional application	US 99167103

Abstract (Basic): US 6826542 B1

NOVELTY - The electronic invoicing **format** that are authorized to vendor for use, are displayed based on selected payor and authorized vendor **data** , when invoicing the payor.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) electronic invoicing system; and
- (2) method of allowing payor to define which vendors are authorized to use particular invoicing **format** .

USE - For providing vendor electronic invoicing **formats** , in electronic commerce, through internet.

ADVANTAGE - Provides flexibility for payors to **customize** the **format** of their **invoices** , effectively.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the electronic invoice system.

pp; 25 DwgNo 2/13

Title Terms: VENDING; ELECTRONIC; INVOICING; **FORMAT** ; PROVISION; METHOD;
ELECTRONIC; DISPLAY; ELECTRONIC; INVOICING; **FORMAT** ; AUTHORISE; VENDING;
BASED; SELECT; AUTHORISE; VENDING; **DATA** ; INVOICING

Derwent Class: T01

International Patent Class (Main): G06F-017/16

File Segment: EPI

10/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016644837 **Image available**

WPI Acc No: 2004-803550/200479

XRFX Acc No: N04-633410

Customized **promotional** billing statement production system for purchase of goods, analyzes formatted preliminary billing statement image to determine one dimension of available white space

Patent Assignee: QWEST COMMUNICATIONS INT INC (QWES-N); POLLARD L C (POLL-I)

Inventor: POLLARD L C; REBENACK L M

Number of Countries: 108 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040215508	A1	20041028	US 2003421999	A	20030422	200479 B
WO 200495339	A1	20041104	WO 2004US5692	A	20040225	200479

Priority Applications (No Type Date): US 2003421999 A 20030422

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20040215508 A1 20 G06F-017/60
WO 200495339 A1 E G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ
CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR
GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR
TZ UG ZM ZW

Abstract (Basic): US 20040215508 A1

NOVELTY - The computer readable medium comprises instructions executable by the processor, to **format** a preliminary billing statement for particular customer, and to analyze the formatted preliminary billing statement image to determine one dimension of the available white space.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method for producing a **customized** promotional **billing** statement.

USE - For producing **customized** **billing** statements and/or **customized** advertising inserts for **billing** statements including inter alia, customer's name, address, account number, list of goods/services provided, total amount due and/or payment terms, for purchase of goods or services.

ADVANTAGE - Prevents waste investment on postage cost and allows for inclusion of maximum amount of advertising space for little to no marginal cost over the mailing cost for billing statement.

DESCRIPTION OF DRAWING(S) - The figure shows the explanatory block diagram of the billing statements.

customized **billing** statement (100)
billing **information** (116)
exemplary promotional messages (120,124)
customized portion (136)

pp; 20 DwgNo 1A/5

Title Terms: CUSTOMISATION; PROMOTE; BILL; STATEMENT; PRODUCE; SYSTEM;
PURCHASE; GOODS; ANALYSE; PRELIMINARY; BILL; STATEMENT; IMAGE; DETERMINE;
ONE; DIMENSION; AVAILABLE; WHITE; SPACE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/8 (Item 8 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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016402941 **Image available**

WPI Acc No: 2004-560852/200454

Related WPI Acc No: 2004-651771

XRPX Acc No: N04-443771

Complex familial interaction facilitating method for post-divorce parents, involves enabling access by users to Internet-accessible database and functions, and members of personal community to share information with other members

Patent Assignee: CAROLAN D B (CARO-I); ISBELL M L (ISBE-I)

Inventor: CAROLAN D B; ISBELL M L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040133440	A1	20040708	US 2002405166	P	20020822	200454 B

Priority Applications (No Type Date): US 2002405166 P 20020822; US
2003646574 A 20030822

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 20040133440 A1 54 G06F-017/60 Provisional application US 2002405166

Abstract (Basic): US 20040133440 A1

NOVELTY - The method involves providing an Internet-accessible database and functions and enabling access by users to the database and functions. Any user specifies an additional user to be a member of a personal community of the user. The members of the personal community are enabled to share **information** that concerns about child visitation and child support payments, with one or more other members of the community.

USE - Used for facilitating complex familial interactions (claimed) e.g. financial obligations e.g. child support, health care payment, medical expenses, and alimony, child custody arrangements, visitation scheduling, and **information** sharing, among post-divorce parents and computer-literate parents and their children at college or boarding school .

ADVANTAGE - The method allows parents to share **information** about schedules, documents, activities and **bills** through their own secure, **personalized** website. The method also facilitates the assistance to the parents by attorneys, counselors, and employers. The database and functions are available to users according to various service levels. The method allows the **information** to be communicated effectively and efficiently between the members of the personal community. The Internet-accessible database is used for providing interaction among the members of the personal community and hence the members do not require any special programs residing on their local computer. The Internet-accessible database allows the members to communicate with the other members from any location having a web access and a compatible browser.

DESCRIPTION OF DRAWING(S) - The drawing shows a work with calendar use case diagram that depicts a functionality associated with a complex familial interaction facilitating module.

pp; 54 DwgNo 6b/32

Title Terms: COMPLEX; FAMILIAL; INTERACT; FACILITATE; METHOD; POST; DIVORCE
; PARENT; ENABLE; ACCESS; USER; ACCESS; DATABASE; FUNCTION; MEMBER;
PERSON; COMMUNAL; SHARE; **INFORMATION** ; MEMBER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016340822 **Image available**

WPI Acc No: 2004-498719/200447

XRPX Acc No: N04-393945

Electronic document e.g. invoice and form generating method, involves converting overlay data to format supported by output device and merging converted data with background data in merged format to generate merge document

Patent Assignee: ORACLE INT CORP (ORAC-N)

Inventor: ASHITANI T; ELKADY O

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040120013	A1	20040624	US 2002435371	P	20021219	200447 B
			US 2003733102	A	20031210	

Priority Applications (No Type Date): US 2002435371 P 20021219; US 2003733102 A 20031210

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20040120013	A1		14	G06K-015/02	Provisional application US 2002435371

Abstract (Basic): US 20040120013 A1

NOVELTY - The method involves receiving a background **template** input **data** (106) in a merge **format** supported by an output device (112,114). An overlay **data** (104) e.g. company logo, in an original **format** not supported by the output device is converted to the merge **format**. The two **data** are merged to generate a composite merge document (101) by a merge utility (102) and the document is delivered to the output device.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a machine-readable medium carrying sequence of instructions causing processors to perform a method of generating an electronic document.

USE - Used for generating an electronic document e.g. **customized** report, **invoice**, form, and check.

ADVANTAGE - The merge utility produces a single document that is in the **format** supported by a number of output devices such as printers, thereby allowing printing of overlay **data** on the background **data** independent of different printing architectures for each document. The method allows a user to generate any type of overlay document to merge with the background **data**, thereby allowing the user to overlay different types of **data** on the background **data**.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram depicting a high level overview of a merge and print utility system for generation of an electronic document.

Single document (101)

Merge utility (102)

Overlay input **data** (104)

Background **template** input **data** (106)

Output devices (112,114)

pp; 14 DwgNo 1/4

Title Terms: ELECTRONIC; DOCUMENT; INVOICING; FORM; GENERATE; METHOD; CONVERT; OVERLAY; **DATA**; **FORMAT**; SUPPORT; OUTPUT; DEVICE; MERGE; CONVERT; **DATA**; BACKGROUND; **DATA**; MERGE; **FORMAT**; GENERATE; MERGE; DOCUMENT

Derwent Class: T01; W02

International Patent Class (Main): G06K-015/02

International Patent Class (Additional): G06F-015/00

File Segment: EPI

10/5/10 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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016258577 **Image available**

WPI Acc No: 2004-416471/200439

Method and system for processing call record for billing

Patent Assignee: KTFREETEL CO LTD (KTFR-N)

Inventor: KIM J T; LEE D Y; LIM H B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2004013028	A	20040211	KR 20041303	A	20040108	200439 B

Priority Applications (No Type Date): KR 20041303 A 20040108

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2004013028	A	1	H04M-015/00	

Abstract (Basic): KR 2004013028 A

NOVELTY - A method and system for processing a call record for **billing** is provided to establish a **customized** individual cost plan by combining a billing call record with an individual client identification.

DETAILED DESCRIPTION - A system for processing a call record for billing comprises a CRG(Call Record Gathering) module(105), a CRP(Call Record Processing) module(103), a billing module(107), and a billing database(109). The CRG module(105) collects CRs(Call Records) provided from an exchange(111). The CRP module(103), based on the collected CRs, combines client identifications, service **information**, cost rates, etc., with the CRs creates and accumulates the first XCR(eXtended CR) and the second XCR so that the billing module(107) can create billing details. The billing module(107), based on the created and accumulated CRs, creates billing details and transmits the created billing details to a notice issuer(113). The billing database(109) comprises a CR table, the first XCR table, the second XCR table, an accumulated CR table, a client identification database, and a service **information** database.

pp; 1 DwgNo 1/10

Title Terms: METHOD; SYSTEM; PROCESS; CALL; RECORD; BILL

Derwent Class: T01; W01

International Patent Class (Main): H04M-015/00

File Segment: EPI

10/5/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016183274 **Image available**

WPI Acc No: 2004-341160/200432

XRFX Acc No: N04-272682

Electronic bill presentment and payment computer system for e-business, has event messaging descriptor repository storing customized bill information based on biller's preferences, that is discrete from event messaging logic module

Patent Assignee: PITNEY BOWES INC (PITB)

Inventor: CLARKE W D; LAPRADA R A; PALMA D M; RAO A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2443349	A1	20040330	CA 2443349	A	20030929	200432 B

Priority Applications (No Type Date): US 2002250385 A'20020930

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CA 2443349	A1 E	45	H04L-012/16	

Abstract (Basic): CA 2443349 A1

NOVELTY - An event messaging descriptor repository (350) that

stores **customized bill information** based on biller's preferences, in XML **format**, is discrete from an event messaging logic module (340). The event messaging logic module generates customized event messages based on the corresponding customized **information** stored in the repository. A server (370) transmits the customized event messages to the recipient.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for method for providing notification messages of electronic bill presentment events over network.

USE - Electronic bill presentment and payment (EBPP) computer system for e-business.

ADVANTAGE - Allows the event notification messages to be customized to meet preferences of the biller.

DESCRIPTION OF DRAWING(S) - The figure shows the customizable event messaging system.

EBPP computer system (100)
event messaging logic module (340)
event messaging descriptor repository (350)
message content repository (360)
server (370)
pp; 45 DwgNo 3/4

Title Terms: ELECTRONIC; BILL; PAY; COMPUTER; SYSTEM; BUSINESS; EVENT; MESSAGING; DESCRIBE; REPOSITORY; STORAGE; CUSTOMISATION; BILL; **INFORMATION**; BASED; DISCRETE; EVENT; MESSAGING; LOGIC; MODULE

Derwent Class: T01

International Patent Class (Main): H04L-012/16

International Patent Class (Additional): G06F-017/60

File Segment: EPI

10/5/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

016181513 **Image available**

WPI Acc No: 2004-339400/200431

XRPX Acc No: N04-271324

Web service interface provision software system for billing service, implements application programming interface associated with billing function after invocation of web service

Patent Assignee: IBM CANADA LTD (IBMC); INT BUSINESS MACHINES CORP (IBMC)

Inventor: CHEN P M; TSUI A K K; TSUI J W

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040064411	A1	20040401	US 2003674778	A	20030930	200431 B
CA 2405700	A1	20040330	CA 2405700	A	20020930	200431

Priority Applications (No Type Date): CA 2405700 A 20020930

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20040064411 A1 17 G06F-017/60

CA 2405700 A1 E H04L-012/16

Abstract (Basic): US 20040064411 A1

NOVELTY - The web service interface used to provide billing service as a web service that is involved by computing applications, includes an application programming interface associated with billing function. The billing function is implemented after invocation of web service. Several **object** classes perform storing and communication of **data** at

billing engine through one implemented application programming interface.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) computer readable medium storing web service interface provisioning software;

(2) web service interface; and

(3) billing service usage method.

USE - For providing web service interface (claimed) for billing service in distributed network environment.

ADVANTAGE - The lightweight billing engine offers sufficient functionality for use in small to medium **object** service hosting platforms and is designated for easy installation and configuration and to be highly **customizable**. Allows a **billing** service to be provided as a distributed web service across multiple computing devices.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of the billing system in distributed network.

billing system (10)

billing account service (20)

rating service (22)

payment service (26)

metering service (34)

pp; 17 DwgNo 1/7

Title Terms: WEB; SERVICE; INTERFACE; PROVISION; SOFTWARE; SYSTEM; BILL; SERVICE; IMPLEMENT; APPLY; PROGRAM; INTERFACE; ASSOCIATE; BILL; FUNCTION; AFTER; WEB; SERVICE

Derwent Class: T01

International Patent Class (Main): G06F-017/60; H04L-012/16

File Segment: EPI

10/5/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016166446 **Image available**

WPI Acc No: 2004-324333/200430

XRPX Acc No: N04-258506

Image print order slip issue apparatus for photolab, selects decorative design for image corresponding to attribute of customer

Patent Assignee: KONICA CORP (KONS)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2004127102	A	20040422	JP 2002292598	A	20021004	200430 B

Priority Applications (No Type Date): JP 2002292598 A 20021004

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2004127102	A		10	G06F-019/00	

Abstract (Basic): JP 2004127102 A

NOVELTY - A setting unit sets the attribute of a customer who selects the decorative design for printing an image, and stores the attribute set of the customer in a memory. A reader reads the decorative design **data** corresponding to the attribute of the new customer, and a print unit issues the slip with the **data** for image printing order.

USE - In photolab for issuing order slip for printing image like photograph in film, memory card, recordable compact disk (CD-R) and for publishing postcard.

-- ADVANTAGE - The print service is improved by **customizing** the bill for image printing order.
DESCRIPTION OF DRAWING(S) - The figure shows the screen for adding **template data** . (Drawing includes non-English language text).
pp; 10 DwgNo 3/5
Title Terms: IMAGE; PRINT; ORDER; SLIP; ISSUE; APPARATUS; SELECT; DECORATE; DESIGN; IMAGE; CORRESPOND; ATTRIBUTE; CUSTOMER
Derwent Class: T01
International Patent Class (Main): G06F-019/00
International Patent Class (Additional): G06F-017/60
File Segment: EPI

10/5/14 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016111063 **Image available**
WPI Acc No: 2004-268939/200425
XRPX Acc No: N04-212743

Customized **electronic bill presentment and payment system for e-business**, includes event messaging descriptor repository discrete from messaging logic module, to store customized notification information for billers

Patent Assignee: PITNEY BOWES INC (PITB); CLARKE W D (CLAR-I); LAPRADE R A (LAPR-I); PALMA D M (PALM-I); RAO A (RAOA-I)

Inventor: CLARKE W D; LAPRADA R A; PALMA D M; RAO A; LAPRADE R A

Number of Countries: 032 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040064387	A1	20040401	US 2002260385	A	20020930	200425 B
EP 1406194	A1	20040407	EP 200322131	A	20030930	200425

Priority Applications (No Type Date): US 2002260385 A 20020930

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20040064387	A1		19	G06F-017/60	
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EP 1406194	A1	E		G06F-017/60	
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Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Abstract (Basic): US 20040064387 A1

NOVELTY - An event messaging descriptor repository discrete from the messaging logic module, stores event notification **information** that is customized for each biller in extensible markup language (XML) **format** . The logic module generates and delivers customized event messages for each biller according to the stored notification **information** , on occurrence of event like production of new bill.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for method for providing electronic bill presentment event notification message over Internet.

USE - For e-business applications for providing electronic **bill** that is **customized** for customer, administrator, over internet.

ADVANTAGE - Customization for the particular biller is achieved by changing the **data** stored in the repository, instead of reprogramming the core logic. Thus appropriate message are sent to the recipients like customer and system administrator.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the electronic bill presentment and payment system.

pp; 19 DwgNo 3/4

Title Terms: CUSTOMISATION; ELECTRONIC; BILL; PAY; SYSTEM; BUSINESS; EVENT;
MESSAGING; DESCRIBE; REPOSITORY; DISCRETE; MESSAGING; LOGIC; MODULE;
STORAGE; CUSTOMISATION; NOTIFICATION; **INFORMATION**

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-009/46

File Segment: EPI

10/5/15 (Item 15 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015926600 **Image available**

WPI Acc No: 2004-084441/200409

XRPX Acc No: N04-067382

Caller identification method in telephone communication system, involves
providing user identifier corresponding to voice pattern of call data ,
to communication device of calling user

Patent Assignee: ALCATEL (COGE); MANI B V (MANI-I)

Inventor: MANI B V

Number of Countries: 032 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1381210	A1	20040114	EP 200314585	A	20030708	200409 B
US 20040010408	A1	20040115	US 2002192068	A	20020710	200409

Priority Applications (No Type Date): US 2002192068 A 20020710

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 1381210	A1	E	14	H04M-003/42	
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Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB

GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

US 20040010408	A1			G10L-017/00	
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Abstract (Basic): EP 1381210 A1

NOVELTY - A voice **data** of a calling user, is received. A voice
recognition system (16) is activated, when the match for received **data**
exist in prestored **data** . The system searches for a voice pattern
corresponding to the received **data** , for providing corresponding user
identifier to communication device (12) of calling user.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
caller identification system.

USE - For identifying caller based on voice recognition in
telephonic communication system.

ADVANTAGE - Efficiently identifies the caller sharing a single
telephone line. **Personalized billing** , toll restriction and
individual profiles for the caller, is achieved.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of
the caller identification system.

communication device (12)

communication network (14)

voice recognition system (16)

pp; 14 DwgNo 1/5

Title Terms: CALL; IDENTIFY; METHOD; TELEPHONE; COMMUNICATE; SYSTEM; USER;
IDENTIFY; CORRESPOND; VOICE; PATTERN; CALL; **DATA** ; COMMUNICATE; DEVICE;
CALL; USER

Derwent Class: P86; W01; W04

International Patent Class (Main): G10L-017/00; H04M-003/42

International Patent Class (Additional): H04M-003/38

File Segment: EPI; EngPI

10/5/16 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015913996 **Image available**
WPI Acc No: 2004-071836/200407
XRPX Acc No: N04-057744

Customer interface providing method for business people, involves
receiving information pertaining to user and vendor relationship,
permitting to customize information presentation on interface, and
providing interface

Patent Assignee: NAT GYPSUM PROPERTIES LLC (NATA)
Inventor: BRANNON M; CLABORN F J; KUTCHER G M; LEE D M; MARAIA G; RECH J S
Number of Countries: 103 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200401654	A1	20031231	WO 2003US19841	A	20030624	200407 B
AU 2003253683	A1	20040106	AU 2003253683	A	20030624	200447

Priority Applications (No Type Date): US 2002183321 A 20020625

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200401654	A1	E	37	G06F-017/60	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO
NZ OM PG PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ
UG ZM ZW

AU 2003253683	A1			G06F-017/60	Based on patent WO 200401654
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Abstract (Basic): WO 200401654 A1

NOVELTY - The method involves permitting a remote user to establish an account that permits the user to utilize services provided by a server. **Information** pertaining to a business relationship between the user and a vendor is received. The user is permitted to customize the presentation of the **information** on an interface such that a customized interface is created, and provided to the user.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a customer interface web site.

USE - Used for providing paperless **invoicing**, shipment status tracking, **customized data** organization by business people.

ADVANTAGE - The method conveniently maintains **information** regarding the vendor-customer relationships so that such **information** is readily available to the customers and/or vendors over a computer network.

DESCRIPTION OF DRAWING(S) - The drawing shows a system of customer interface.

Switches (20)
Network firewall (21)
Service network (22)
Private corporate network (23)
Application servers (24)
pp; 37 DwgNo 1/6

Title Terms: CUSTOMER; INTERFACE; METHOD; BUSINESS; PEOPLE; RECEIVE;

INFORMATION ; PERTAIN; USER; VENDING; RELATED; PERMIT; INFORMATION ;
PRESENT; INTERFACE; INTERFACE
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

10/5/17 (Item 17 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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015903390 **Image available**
WPI Acc No: 2004-061230/200406
XRPX Acc No: N04-049626

Telephony service providing method, involves determining subscriber identity according to spoken utterance, and activating telephony service associated with subscriber according to determined subscriber identity

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: COLSON V L; CREAMER T E; JAISWAL P; MOORE V S
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030231745	A1	20031218	US 2002172257	A	20020614	200406 B

Priority Applications (No Type Date): US 2002172257 A 20020614

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030231745	A1		8	H04M-001/64	

Abstract (Basic): US 20030231745 A1

NOVELTY - The method involves receiving a spoken utterance from a subscriber, and determining a subscriber identity according to the spoken utterance. A telephone service associated with the subscriber according to the determined subscriber identity is activated. The subscriber identity is determined without using directory number identification service or automatic number identification service.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) a telephony service delivery system
- (b) a machine-readable storage in which a computer program with multiple code sections executable by a machine for causing the machine to perform the steps of providing a telephony service.

USE - Used for providing telephony service to a subscriber.

ADVANTAGE - The method provides a solution for activating telephony services for subscribers according to **information** that is provided by the subscriber. The telephony service is implemented according to the subscriber identity such that telephony services are provided on a more **personalized** basis and the **billing** service are simplified.

DESCRIPTION OF DRAWING(S) - The drawing shows a telephony system.

Public switched telephone network (105)

Service control points (120)

Signaling transfer points (125)

Audio interface (135)

Telephony application server (145)

pp; 8 DwgNo 1/2

Title Terms: TELEPHONE; SERVICE; METHOD; DETERMINE; SUBSCRIBER; IDENTIFY;
ACCORD; SPEAKER; ACTIVATE; TELEPHONE; SERVICE; ASSOCIATE; SUBSCRIBER;
ACCORD; DETERMINE; SUBSCRIBER; IDENTIFY

Derwent Class: T01; W01

International Patent Class (Main): H04M-001/64

File Segment: EPI

10/5/18 (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015875901 **Image available**

WPI Acc No: 2004-033732/200403

XRPX Acc No: N04-026813

Electronic bill presentment and payment system for business, maintains presentation descriptor repository discrete from presentation logic module, such that only the repository directly reflects biller's billing needs

Patent Assignee: PITNEY BOWES INC (PITB); CLARKE W D (CLAR-I); LAPRADE R A (LAPR-I); PALMA D M (PALM-I)

Inventor: CLARKE W D; LAPRADE R A; PALMA D M

Number of Countries: 033 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030220871	A1	20031127	US 2002153105	A	20020522	200403 B
CA 2429301	A1	20031122	CA 2429301	A	20030521	200404
EP 1369796	A2	20031210	EP 200311053	A	20030520	200405

Priority Applications (No Type Date): US 2002153105 A 20020522

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20030220871	A1		14	G06F-017/60	
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CA 2429301	A1	E		G06F-017/60	
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EP 1369796	A2	E		G06F-017/60	
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Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Abstract (Basic): US 20030220871 A1

NOVELTY - The system (100) has a presentation descriptor repository including **data** pertaining to biller's needs and an action descriptor repository (120). The repositories are discretely and customizably maintained with a business logic module (130), a presentation logic module (150) and an interaction controller (110), such that only the presentation descriptor logic directly reflects the biller's billing needs.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) electronic bill **information** providing method; and

(2) web page providing electronic bill **information**.

USE - Electronic bill presentment and payment (EBPP) system for providing electronic bill from biller to remote customer through internet, in business application.

ADVANTAGE - Avoids changing the business logic and presentation logic for customization of different billers, since it is achieved by changing **data** stored in repository rather than reprogramming core logic.

DESCRIPTION OF DRAWING(S) - The figure shows the structural block diagram of the **customizable** electronic **billing** presentation and payment system.

EBPP system (100)

interaction controller (110)

action descriptor repository (120)

business logic module (130)

presentation logic module (150)

pp; 14 DwgNo 2/5

Title Terms: ELECTRONIC; BILL; PAY; SYSTEM; BUSINESS; MAINTAIN; PRESENT;
DESCRIBE; REPOSITORY; DISCRETE; PRESENT; LOGIC; MODULE; REPOSITORY;
REFLECT; BILL; NEED
Derwent Class: T01
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G06F-017/30; H04L-012/16
File Segment: EPI

10/5/19 (Item 19 from file: 350)

DIALOG(R) File 350: Derwent WPIX
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015855893 **Image available**
WPI Acc No: 2004-013723/200402
XRPX Acc No: N04-010231

Gas consumption detection method for domestic appliance, involves
transmitting gas consumption data to monitoring center through Ethernet

Patent Assignee: AEM GAS SPA (AEMG-N)

Inventor: BARTOLINI A

Number of Countries: 026 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1365542	A1	20031126	EP 200211165	A	20020521	200402 B

Priority Applications (No Type Date): EP 200211165 A 20020521

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 1365542	A1	E	8 H04L-012/413	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): EP 1365542 A1

NOVELTY - The gas consumption **data** of each appliance is detected using a meter (3). The detected **data** is transmitted from a client interface (1) to a monitoring center through Ethernet (25).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for gas consumption detection apparatus.

USE - For detecting consumption of gas by domestic appliances.

ADVANTAGE - Allows the gas consumption **data** to be automatically transmitted periodically to monitoring center, cheaply. Hence efficiency of the system is improved and response is acquired easily. Improves management of distribution and introduces **customized billing**. Ensures optimum gas distribution and reliability in service.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the gas consumption detection system.

client interface (1)
meter (3)
input device (10)
power pack (12)
wiring (21)
Ethernet (25)
pp; 8 DwgNo 1/2

Title Terms: GAS; CONSUME; DETECT; METHOD; DOMESTIC; APPLIANCE; TRANSMIT;
GAS; CONSUME; **DATA**; MONITOR; THROUGH
Derwent Class: S02; T01; W01; W05
International Patent Class (Main): H04L-012/413
File Segment: EPI

10/5/20 (Item 20 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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015838048 **Image available**
WPI Acc No: 2003-900252/200382
XRPX Acc No: N03-718649

Personalized bill information transmission method in mobile communication network, involves matching bill request with bill information database, to construct and transmit personalized bill information as short message

Patent Assignee: BENQ CORP (BENQ-N)

Inventor: CHANG J

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030200173	A1	20031023	US 2003418833	A	20030417	200382 B
TW 561770	A	20031111	TW 2002107973	A	20020418	200428

Priority Applications (No Type Date): TW 2002107973 A 20020418

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20030200173	A1		9	G06F-017/60	
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TW 561770	A			H04M-011/00	
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Abstract (Basic): US 20030200173 A1

NOVELTY - A mobile station (10) e.g. mobile phone sends a short message service (SMS) message requesting bill information to a base station (20). The base station passes the received SMS message to a SMS center (30). The SMS center matches the bill request with bill information database (40), to construct and transmit personalized bill information as SMS message to the mobile telephone.

USE - For transmitting personalized bill information to mobile station such as mobile phone, personal digital assistant (PDA) and palmtop personal computer (PC).

ADVANTAGE - Allows a user to select and obtain his or her personalized bill information, by utilizing SMS.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of a mobile communication system.

mobile phone (10)
subscribers identity module card (14)
base station (20)
short message service center (30)
bill information database (40)
pp; 9 DwgNo 2/3

Title Terms: PERSON; BILL; INFORMATION; TRANSMISSION; METHOD; MOBILE; COMMUNICATE; NETWORK; MATCH; BILL; REQUEST; BILL; INFORMATION; DATABASE; CONSTRUCTION; TRANSMIT; PERSON; BILL; INFORMATION; SHORT; MESSAGE

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60; H04M-011/00

File Segment: EPI

10/5/21 (Item 21 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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015770031 **Image available**
WPI Acc No: 2003-832233/200377
XRPX Acc No: N03-665188

Imaging service provision method e.g. for photograph printing, involves

affixing label with customer specification information to removable digital image storage medium

Patent Assignee: EASTMAN KODAK CO (EAST)

Inventor: KELLY A M; MAURO E C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030200099	A1	20031023	US 2002124118	A	20020417	200377 B

Priority Applications (No Type Date): US 2002124118 A 20020417

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030200099	A1	8	G06F-017/60	

Abstract (Basic): US 20030200099 A1

NOVELTY - A label with an encoded **information** representing the billing **information**, customer profile, preference for desired photofinishing, etc., is produced and affixed to the removable digital image storage medium (5) such as a floppy disk. The encoded **information** on the label is read in the imaging station, when the medium is placed and respective label **information** is extracted from the database to provide the service.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) method of offering photofinishing imaging service; and

(2) system for offering imaging service.

USE - For providing photofinishing service such as creating photograph prints, photocompact disk (CD), coffee mug, T-shirt, photo album, greeting cards, post cards, based on images from a removable digital image storage medium such as memory card, compact flash card, floppy disk, secure digital (SD) media card, memory stick, hard drive, optical disk, etc., from kiosk, minilab, etc.

ADVANTAGE - Assigns customer **billing** and **customization data** to a customer digital order automatically and transparently.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of the digital image storage medium.

digital image storage medium (5)

label (8)

pp; 8 DwgNo 1A/3

Title Terms: IMAGE; SERVICE; PROVISION; METHOD; PHOTOGRAPH; PRINT; AFFIX; LABEL; CUSTOMER; SPECIFICATION; **INFORMATION**; REMOVE; DIGITAL; IMAGE; STORAGE; MEDIUM

Derwent Class: T01; T04

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/22 (Item 22 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015684697 **Image available**

WPI Acc No: 2003-746886/200370

XRPX Acc No: N03-598567

Voice-enabled personalized document generation method e.g. for bills, involves converting personal information of user to voice message and merging recorded sentence fragments and voice message to generate personalized document

Patent Assignee: LOCKE J (LOCK-I)

Inventor: LOCKE J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030177010	A1	20030918	US 2002363293	P	20020311	200370 B
			US 2003384625	A	20030311	

Priority Applications (No Type Date): US 2002363293 P 20020311; US
2003384625 A 20030311

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030177010	A1		8	G10L-013/08	Provisional application US 2002363293

Abstract (Basic): US 20030177010 A1

NOVELTY - A text-to-speech (TTS) engine (38) converts personal **information** for each user in a database into voice message. A personalized document is generated in a language, accent and gender appropriate for each user by merging the recorded sentence fragments and the voice message. The generated personalized document is delivered to the user.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for voice-enabled personalized document generation system.

USE - For generating voice-enabled **personalized** document such as **bills**, loyalty program documents, financial statements for employees and business professionals.

ADVANTAGE - Enables delivering high quality personalized voice documents to each user. Provides the document even to the people having visual impairment.

DESCRIPTION OF DRAWING(S) - The figure shows the outline block diagram of the voice-enabled personalized document generation system.

composer domain (30)
user (32)
voice recorder (34)
voice message generator (36)
text-to-speech engine (38)
management console (40)
production and delivery system (50)
pp; 8 DwgNo 1/4

Title Terms: VOICE; ENABLE; PERSON; DOCUMENT; GENERATE; METHOD; BILL;
CONVERT; PERSON; **INFORMATION**; USER; VOICE; MESSAGE; MERGE; RECORD;
SENTENCE; FRAGMENT; VOICE; MESSAGE; GENERATE; PERSON; DOCUMENT

Derwent Class: P86; T01; W04

International Patent Class (Main): G10L-013/08

File Segment: EPI; EngPI

10/5/23 (Item 23 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015680909 **Image available**

WPI Acc No: 2003-743098/200370

XRFX Acc No: N03-594990

Customized account information providing system for telecommunication business, automatically performs search of databases to generate account portfolios periodically according to schedule

Patent Assignee: QWEST COMMUNICATIONS INT INC (QWES-N)

Inventor: BRIGGS P L; KENYON J D; KUNZWEILER L M; SIMON J S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6604113	B1	20030805	US 2000549851	A	20000414	200370 B

Priority Applications (No Type Date): US 2000549851 A 20000414

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6604113	B1		18	G06F-017/30	

Abstract (Basic): US 6604113 B1

NOVELTY - A corporate database stores specific account **information**. A database stores access and access restrict **information** for the corporate database. A portfolio generator (26) searches the database automatically, identifies **data objects** using aggregation rules, and identifies selected **data objects** falling within opportunity rules to generate account portfolios periodically according to a schedule. An external interface (20) allows access and downloading of the stored portfolios over **data** networks.

USE - For providing **customized account information** e.g. **billing**, identification, ordering **information**, current contracts with customer, **information** about provision of services e.g. trouble tickets, complaints, service visits to remote computing device e.g. personal computer such as laptop computer of remotely located parties e.g. account representatives, sales representatives, through **data** network e.g. Internet, public switch telephone network in telecommunications business providing telephone service.

ADVANTAGE - Gathers and provides updated **information** to remotely located parties, automatically, simply and in custom made **format**. Custom **information** is automatically generated on periodic basis.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the customized account **information** providing system.

interface (20)
portfolio generator (26)
event scheduler (28)
local database (32)
rules repository (34)
pp; 18 DwgNo 2/10

Title Terms: CUSTOMISATION; ACCOUNT; **INFORMATION**; SYSTEM;
TELECOMMUNICATION; BUSINESS; AUTOMATIC; PERFORMANCE; SEARCH; GENERATE;
ACCOUNT; PORTFOLIO; PERIOD; ACCORD; SCHEDULE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

10/5/24 (Item 24 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015650210 **Image available**

WPI Acc No: 2003-712393/200367

XRPX Acc No: N03-569936

Internet-based electronic document presentation system for electronic business application, associate security term indicating degree of access and interaction with user requested document data, based on user category

Patent Assignee: BILLWHIZ INC (BILL-N); DEGROOT J (DEGR-I)

Inventor: DEGROOT J

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030182234	A1	20030925	US 2002105085	A	20020322	200367 B
CA 2378289	A1	20030922	CA 2378289	A	20020322	200374 N

Priority Applications (No Type Date): US 2002105085 A 20020322; CA 2378289
A 20020322

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030182234	A1		35	G06F-017/60	
CA 2378289	A1	E		H04L-012/16	

Abstract (Basic): US 20030182234 A1

NOVELTY - A service processor in communication with server interface receiving financial **data** from publisher for document publication, has software that categorize and authenticate remote user requesting document access. The authenticated user is associated with a security term indicating degree of access and interaction with document **data**. A storage stores user accessed **data**, and interface, processor response.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for electronic document presentation method.

USE - For communicating and providing access to electronic documents such as business transaction documents, financial documents comprising bill, account statement, **invoice**, notice, report e.g. **personalized** reports, broadcast reports, through internet for electronic business applications.

ADVANTAGE - Provides freedom to users and publishers to select and provide the required **information** based on business criteria and user category, effectively.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart explaining the steps to authenticate user for accessing document **information**.

pp; 35 DwgNo 7/25

Title Terms: BASED; ELECTRONIC; DOCUMENT; PRESENT; SYSTEM; ELECTRONIC; BUSINESS; APPLY; ASSOCIATE; SECURE; TERM; INDICATE; DEGREE; ACCESS; INTERACT; USER; REQUEST; DOCUMENT; **DATA**; BASED; USER; CATEGORY

Derwent Class: T01

International Patent Class (Main): G06F-017/60; H04L-012/16

File Segment: EPI

10/5/25 (Item 25 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015396199

WPI Acc No: 2003-458339/200344

XRFX Acc No: N03-364403

Centralized management method of production branches and material

Patent Assignee: YINGYEDA CORP (YING-N)

Inventor: CHEN Z; LI Y; LIAO Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1403980	A	20030319	CN 2001131163	A	20010905	200344 B

Priority Applications (No Type Date): CN 2001131163 A 20010905

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CN 1403980	A			G06F-017/60	

Abstract (Basic): CN 1403980 A

NOVELTY - The centralized management method of production branches and material is to utilize the enterprise resource planning server in automatic material branch management. Via **customized data**

transmission, the material in bill of material (BOM) are concentratively managed and delivered. The method can shorten the material accepting time and raise the production efficiency.

DwgNo 0/0

Title Terms: CENTRE; MANAGEMENT; METHOD; PRODUCE; BRANCH; MATERIAL

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/26 (Item 26 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015359388 **Image available**

WPI Acc No: 2003-420326/200339

Related WPI Acc No: 2003-393075; 2003-456869

XRPX Acc No: N03-335702

Web services packaging system includes repository that stores identification information about multiple web services in bundles which are communicated for authorizing client application

Patent Assignee: COREL CORP (CORE-N)

Inventor: ATWAL A; CHIU J; LEBEL F; MEREU S; MUTZKE R; RUPSINGH R; SCHNARR M; SLAUNWHITE D; SUBRAMANIAN R

Number of Countries: 002 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030061067	A1	20030327	US 2001324191	P	20010921	200339 B
			US 2002252897	A	20020923	
CA 2404550	A1	20030321	CA 2404550	A	20020920	200339
CA 2404552	A1	20030321	CA 2404552	A	20020920	200339
CA 2404602	A1	20030321	CA 2404602	A	20020920	200339

Priority Applications (No Type Date): US 2001324191 P 20010921; US 2002252897 A 20020923

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030061067	A1		10	G06F-017/60	Provisional application US 2001324191

CA 2404550	A1 E	H04L-009/32
CA 2404552	A1 E	H04L-009/32
CA 2404602	A1 E	H04L-012/16

Abstract (Basic): US 20030061067 A1

NOVELTY - A repository (110) stores the method, addresses and client application rights, costs and other **information** of multiple web services organized into bundles. An authorization module (120) communicates with the repository to exchange **information** for authorizing a client application to access methods in bundles.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) web services packaging method;
- (2) computer readable medium storing web service packaging program;
- (3) electronic signals for web service packaging; and
- (4) computer program product for web service packaging.

USE - For developing **customized** software with **billing** and authorizing functions.

ADVANTAGE - Provides better billing and authorization flexibilities for client application while eliminating much of the logistics needed for managing/presenting billing/authorization requirements by providing

the services functionality through packages.
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
the web services packaging system.
repository (110)
authorization module (120)
pp; 10 DwgNo 2/4

Title Terms: WEB; SERVICE; PACKAGE; SYSTEM; REPOSITORY; STORAGE; IDENTIFY;
INFORMATION ; MULTIPLE; WEB; SERVICE; BUNDLE; COMMUNICATE; AUTHORISE;
CLIENT; APPLY
Derwent Class: T01
International Patent Class (Main): G06F-017/60; H04L-009/32; H04L-012/16
International Patent Class (Additional): H04L-012/14; H04L-012/24
File Segment: EPI

10/5/27 (Item 27 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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015353583 **Image available**
WPI Acc No: 2003-414521/200339

**Method for agenting international electronic billing and real-time
payment using e-mail**

Patent Assignee: MAIL CASTER INC (MAIL-N)
Inventor: AHN U G
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2003012066	A	20030212	KR 200145915	A	20010730	200339 B

Priority Applications (No Type Date): KR 200145915 A 20010730

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2003012066	A	1	G06F-017/60	

Abstract (Basic): KR 2003012066 A

NOVELTY - A method for agenting the international electronic
billing and the real-time payment using an e-mail is provided to
perform the international online remittance and payment in real time
through a cyber account by forming the **information** relating to
various kinds of **billing** as a **customized** type through a function
added to the e-mail and enabling a payer to perform the payment through
the direct input to the e-mail.

DETAILED DESCRIPTION - A domestic client inputs a necessary
condition according to a billing and payment procedure on a web screen
of a domestic host by connecting to the domestic host. According to the
remittance and payment condition selected by the domestic client, the
e-mail includes a bill, an international transaction document and a
payment button and is transmitted. An overseas payer approves or denies
the payment according to the contents of the transmitted e-mail.
According to the payment approval of the overseas customer, the payment
amount is inputted to a real account of an overseas host from the
account of the payer and is transferred to a cyber account of a
domestic host linked with the overseas host. The payment amount is
inputted to a real account of the client from the real account of the
domestic overseas host.

pp; 1 DwgNo 1/10

Title Terms: METHOD; INTERNATIONAL; ELECTRONIC; BILL; REAL; TIME; PAY; MAIL
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

10/5/28 (Item 28 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014804893 **Image available**
WPI Acc No: 2002-625599/200267

Customized **system for presenting electronic bill and paying bill and method for integrating electronic bills**

Patent Assignee: OH S H (OHSI-I)

Inventor: OH S H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002027409	A	20020413	KR 20028208	A	20020215	200267 B

Priority Applications (No Type Date): KR 20028208 A 20020215

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002027409	A		1 G06F-017/60	

Abstract (Basic): KR 2002027409 A

NOVELTY - A **customized** system for presenting an electronic **bill** and paying the bill and a method for integrating electronic bills are provided to make a user safely receive an electronic bill without the leakage of private **information** and manage the bill **information**, the storage of electronic bills, and the payment **information**.

DETAILED DESCRIPTION - The system includes a personal EBPP(Electronic Bill Presentment and Payment)(200) system and an applicant organization EBPP system(100). The personal EBPP system comprises a personal **information** management system(210) including a personal **information** input unit(211), a personal **information** storage unit(212), and a personal **information** transmitting unit(213), a bill reception system(220) including an e-mail bill receiving unit(221), an electronic bill receiving unit(222), and a bill payment processing unit(223), an applicant organization management system(230) including an organization list management unit(231), an e-mail bill request processing unit(232), and an applicant candidate management unit(233), and an integrated bill management system(240) including a bill integration processing unit(241), an integrated bill inquiry unit(242), and an integrated bill payment processing unit(243).

pp; 1 DwgNo 1/10

Title Terms: CUSTOMISATION; SYSTEM; PRESENT; ELECTRONIC; BILL; PAY; BILL; METHOD; INTEGRATE; ELECTRONIC; BILL

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/29 (Item 29 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014719686 **Image available**
WPI Acc No: 2002-540390/200258

XRPX Acc No: N02-427964

Event data acquisition and remote control for household gas installation, involves connecting each home and service provision center through ethernet network to monitor and control device in home remotely

through network

Patent Assignee: AEM GAS SPA (AEMG-N)

Inventor: BARTOLINI A

Number of Countries: 026 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1221683	A2	20020710	EP 2001130383	A	20011220	200258 B
IT 1322036	B	20040514	IT 2000PC41	A	20001227	200472

Priority Applications (No Type Date): IT 2000PC41 A 20001227

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 1221683	A2	E	7	G08B-025/00	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

IT 1322036	B			G08B-000/00	
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Abstract (Basic): EP 1221683 A2

NOVELTY - Each home and the utility service providing center are connected through an ethernet network, the connection enables the service center to monitor and remotely control the devices located in the home through the ethernet network.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for **data** acquisition and remote control apparatus of events in home.

USE - For acquiring **data** relating gas consumption amount, gas leakage fire for controlling danger situations in home.

ADVANTAGE - Enables better management of distribution and **customized billing**. Enables events such as gas leaks at home to be detected and provide all the necessary services to prevent accidents. Allows any other devices installed in the home to be monitored, so that additional services are offered to customers.

DESCRIPTION OF DRAWING(S) - The figure shows the event **data** acquisition and remote control apparatus of events in home.

pp; 7 DwgNo 1/2

Title Terms: EVENT; **DATA**; ACQUIRE; REMOTE; CONTROL; HOUSEHOLD; GAS; INSTALLATION; CONNECT; HOME; SERVICE; PROVISION; THROUGH; NETWORK; MONITOR; CONTROL; DEVICE; HOME; REMOTE; THROUGH; NETWORK

Derwent Class: W01; W05

International Patent Class (Main): G08B-000/00; G08B-025/00

International Patent Class (Additional): H04L-012/28; H04L-029/06

File Segment: EPI

10/5/30 (Item 30 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014507705 **Image available**

WPI Acc No: 2002-328408/200236

XRPX Acc No: N02-257676

Provision method for particularized billing services involves producing bill having defined format, with data collected for selected client in appropriate fields

Patent Assignee: WRIGHT C A (WRIG-I)

Inventor: WRIGHT C A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020010666	A1	20020124	US 2000177474	P	20000121	200236 B
			US 2001766934	A	20010122	

Priority Applications (No Type Date): US 2000177474 P 20000121; US
2001766934 A 20010122

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020010666	A1	14	G06F-017/60	Provisional application	US 2000177474

Abstract (Basic): US 20020010666 A1

NOVELTY - The method involves producing the bill having the defined **format**, with the **data** collected for the selected client in the appropriate **fields**. One of the software **objects** is invoked to collect **data** pertinent to the client and to the specific **fields** in the bill **format**. Each software **object** has a predefined bill **format** with specific **fields** for the selected client or clients.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for an automated system for generating **particularized bills**.

USE - Used for providing **particularized billing** services. Used by e.g. large telephone company.

ADVANTAGE - Permits a provider to **customize invoice** and **bill formats** as well as their contents for service organizations or recipients of services. Provides a method which is suitable for customers and clients that require particularized styles, **formats** or **information** content relevant to invoices.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic view of the mass customization engine.

pp; 14 DwgNo 1/6

Title Terms: PROVISION; METHOD; BILL; SERVICE; PRODUCE; BILL; DEFINE;
FORMAT; **DATA**; COLLECT; SELECT; CLIENT; APPROPRIATE; **FIELD**

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/31 (Item 31 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014396633 **Image available**

WPI Acc No: 2002-217336/200228

XRPX Acc No: N02-166638.

Mail personalization method for billing or advertising mail using a controller to identify the recipient of a letter and to print personalized information or greeting on the back of an envelope

Patent Assignee: ENGEL D (ENGE-I); SADOWSKI M (SADQ-I)

Inventor: ENGEL D; SADOWSKI M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2332694	A1	20010801	CA 2332694	A	20010126	200228 B

Priority Applications (No Type Date): CA 2297569 A 20000201

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2332694	A1	E	15	B41L-047/58	

Abstract (Basic): CA 2332694 A1

NOVELTY - The letters are inserted into the envelopes (12), the letter is then scanned (40) to retrieve the address **information**. The controller (42) checks the address against a database of recipients and sends the personalized message to the printer (44) which prints onto

the back of the envelope. The message is then dried (46) and the envelope dispatched.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a personalized mailer system.

USE - To add personalized adverts or greetings onto the back of mail.

ADVANTAGE - This method gathers the **information** after the envelope has been filled, adding the printing step before dispatch. Thus the message is tailored to each recipient without having to match envelopes to letters. As the message is tailored to the recipient, their interest in the message is increased.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic diagram of the personalization system.

envelopes (12)
scanner (40)
controller (42)
printer (44)
dryer (46)
pp; 15 DwgNo 1/3

Title Terms: MAIL; METHOD; BILL; ADVERTISE; MAIL; CONTROL; IDENTIFY;
RECIPIENT; LETTER; PRINT; PERSON; **INFORMATION** ; GREETING; BACK; ENVELOPE
Derwent Class: P75; T01; T04; T05; X25
International Patent Class (Main): B41L-047/58
File Segment: EPI; EngPI

10/5/32 (Item 32 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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014396607 **Image available**
WPI Acc No: 2002-217310/200228
Related WPI Acc No: 2002-217336
XRPX Acc No: N02-166614

Mail personalization method for billing or advertising mail by identifying the recipient of a letter and to print personalized information or greeting on the back of an envelope

Patent Assignee: INNOVATIVE GRAPHICS INC (INNO-N); ENGEL D (ENGE-I); SADOWSKI M (SADO-I)

Inventor: ENGEL D; SADOWSKI M

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2297569	A1	20010801	CA 2297569	A	20000201	200228 B
US 20010023406	A1	20010920	US 2001774224	A	20010130	200228

Priority Applications (No Type Date): CA 2297569 A 20000201

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2297569	A1	E	11	B41L-047/00	
US 20010023406	A1			G06F-017/60	

Abstract (Basic): CA 2297569 A1

NOVELTY - The **data** processing unit (12) receives the address, letter content and customer id. This **information** is relayed to the printing unit (16) which prepares the mailers and passes them to the insert unit (18). The scanner (22) then reads the customer id which is used by the **data** processor to retrieve the target message and personalization **information** placed by the printing unit (24) onto the envelope before dispatch.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for an apparatus for personalizing a mailer and a personalizing device.

USE - To add personalized adverts or greetings onto the back of mail.

ADVANTAGE - The promoter can select a group of recipients from the mailing list particularly suited to a specific message e.g. high income bracket banking customers and insert the advert during the normal printing and preparation of billing letters. As the message is tailored to the recipient, their interest in the message is increased.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of the mailer personalization system.

data processing unit (12)
printing unit (16)
insert unit (18)
scanner (22)
printing unit (24)
pp; 11 DwgNo 1/2

Title Terms: MAIL; METHOD; BILL; ADVERTISE; MAIL; IDENTIFY; RECIPIENT;

LETTER; PRINT; PERSON; **INFORMATION** ; GREETING; BACK; ENVELOPE

Derwent Class: P75; T04; T05

International Patent Class (Main): B41L-047/00; G06F-017/60

International Patent Class (Additional): B41L-047/58

File Segment: EPI; EngPI

10/5/33 (Item 33 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014185628 **Image available**

WPI Acc No: 2002-006325/200201

XRPX Acc No: N02-005415

Customize device for bill issuing application program, has control unit which stops modification of order of input data to be processed, when the order of input data is next to order of previously stored data

Patent Assignee: CASIO COMPUTER CO LTD (CASK)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001283139	A	20011012	JP 200091596	A	20000329	200201 B

Priority Applications (No Type Date): JP 200091596 A 20000329

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2001283139 A 11 G06F-019/00

Abstract (Basic): JP 2001283139 A

NOVELTY - A memory (7) stores hierarchical table in which higher order hierarchy is set based on which order of input data of application program to be processed is modified. When data input is in the next order with respect to order of previously stored data, control unit stops modification of input order input by input unit.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for storage medium.

USE - For customising order of data of application program to be processed in service processes such as bill issue operation e.g. data processors.

ADVANTAGE - As goods to be processed is arranged according to set highest order, complicated input orders are also customized easily.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of internal components of **data** processor. (Drawing includes non-English language text).

Memory (7)

pp; 11 DwgNo 1/10

Title Terms: DEVICE; BILL; ISSUE; APPLY; PROGRAM; CONTROL; UNIT; STOP; MODIFIED; ORDER; INPUT; **DATA** ; PROCESS; ORDER; INPUT; **DATA** ; ORDER; STORAGE; **DATA**

Derwent Class: T01

International Patent Class (Main): G06F-019/00

International Patent Class (Additional): G06F-009/06

File Segment: EPI

10/5/34 (Item 34 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014172775 **Image available**

WPI Acc No: 2001-657003/200175

XRPX Acc No: N01-489717

Administration system for financial product involves identifying information framework for administration of new financial product

Patent Assignee: PRINCIPAL FINANCIAL SERVICES INC (PRIN-N)

Inventor: GATES R M; JOBE J S; KELLY W J; MEHRL G M; ROCKWELL C M; SMITH D L

Number of Countries: 094 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200175557	A2	20011011	WO 2001US9632	A	20010326	200175 B
AU 200147793	A	20011015	AU 200147793	A	20010326	200209

Priority Applications (No Type Date): US 2000538693 A 20000330

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200175557 A2 E 69 G06F-000/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200147793 A G06F-000/00 Based on patent WO 200175557

Abstract (Basic): WO 200175557 A2

NOVELTY - **Information** framework for administration of new financial product is defined. Framework used to produce software from core software application, database and country based software, to administer product. Framework is also sent to user who is defining new product and who sends relevant **information** for incorporation into software

DETAILED DESCRIPTION - A financial product administration system has a database (12) a core software application (14) and country specific software (16) and the database is where the **data** and internal code for accessing and processing the **data** reside. The software application is for **data** input and processing and the country specific software includes **customized** features such as output for **billing** statements, customer reports and letters and internal calculations.

INDEPENDENT CLAIMS are included for a method and system for

adapting to financial product administration software to meet language requirements, for a computer readable medium with code, for a method for defining financial products and for a method of interfacing a system with a general ledger.

USE - Administering financial products.

ADVANTAGE - Integrating financial products administration system with general accounting systems.

DESCRIPTION OF DRAWING(S) - The drawing is a diagram of the system Database (12)

Core software application (14)

Country specific software (16)

pp; 69 DwgNo 1/24

Title Terms: ADMINISTER; SYSTEM; FINANCIAL; PRODUCT; IDENTIFY; INFORMATION ; FRAMEWORK; ADMINISTER; NEW; FINANCIAL; PRODUCT

Derwent Class: T01

International Patent Class (Main): G06F-000/00

File Segment: EPI

10/5/35 (Item 35 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014142277 **Image available**

WPI Acc No: 2001-626488/200172

XRPX Acc No: N01-466968

A system for establishing electronic business systems for supporting communications services commerce using Java as a platform to obtain an business platform containing smart components and an administrator

Patent Assignee: CYGENT INC (CYGE-N)

Inventor: BAKHRU G; ELMORE K; HOESER V; HOM D; HORNE L; KAAKE C; KELLY K; MABEL M; POKOTYLO V; RODRIGUEZ H; STEPHENS P

Number of Countries: 091 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200175549	A2	20011011	WO 2001US10473	A	20010330	200172 B
AU 200151195	A	20011015	AU 200151195	A	20010330	200209

Priority Applications (No Type Date): US 2000193315 P 20000330

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200175549	A2	E 452	G06F-000/00	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200151195	A		G06F-000/00	Based on patent WO 200175549
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Abstract (Basic): WO 200175549 A2

NOVELTY - The smart components server (104)e.g. management server, represent communication specific **data** and business logic that is customer- focussed, convergent and cross-functional. The administrator (111) is a user graphical interface tool used by the communications service providers internal staff to define and maintain the e-business site **data** . The console is a Java-based tool that uses XML files to map **object** attributes to a database system. The electronic business support system also has a number of communications messaging interfaces that transport **information** from support system to external systems

-- (110) using applications and adaptors (106,107).

DETAILED DESCRIPTION - INDEPENDENT CLAIM -

- (1) An independent claim is included for a method of publishing events from an electronic business support system.
- (2) A claim is made for a method for updating an electronic business support system by subscribing events from an enterprise application integration adaptor.
- (3) A process for sending a message from an electronic business support system to external systems
- (4) A process of receiving a message for external systems
- (5) An electronic business portal for the business support system.
- (6) A process for inserting a nested flow into a page flow at a transition point
- (7) A method for preventing a user from repeating a transition in a page flow,
- (8) A tag **library** that is used to introduce dynamic content into a web page.
- (9) A process for electronically dealing a client request.
- (10) A method for providing an offer collection over the Internet.

USE - Used in businesses on-line based on scalable infrastructures that incorporate dynamic and automated business processes to support customer centric activities.

ADVANTAGE - A comprehensive, communications specific electronic business (business) solution that communications providers can easily deploy.

It integrates sales, marketing, billing and service into one, personalized Internet portal to deliver to the customer. These elements provide a speedy implementation, low maintenance cost, and rapid return on investment.

DESCRIPTION OF DRAWING(S) - The figure shows the architect of the eBusiness support system

pp; 452 DwgNo 1/21

Title Terms: SYSTEM; ESTABLISH; ELECTRONIC; BUSINESS; SYSTEM; SUPPORT; COMMUNICATE; SERVICE; PLATFORM; OBTAIN; BUSINESS; PLATFORM; CONTAIN; SMART; COMPONENT; ADMINISTER

Derwent Class: T01

International Patent Class (Main): G06F-000/00

File Segment: EPI

10/5/36 (Item 36 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014095072 **Image available**

WPI Acc No: 2001-579286/200165

XRPX Acc No: N01-431136

Customizable **electronic invoice system for use on a data processing server-client network with optional security and sender only access to**

grant authority to modify invoice fields

Patent Assignee: DALEEN TECHNOLOGIES INC (DALE-N)

Inventor: THOMPSON C; YEHIA R; YIN J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6282552	B1	20010828	US 9832529	A	19980227	200165 B

Priority Applications (No Type Date): US 9832529 A 19980227

Patent Details:

Patent No	Kind	Lan	Pg	Main	IPC	Filing	Notes
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Abstract (Basic): US 6282552 B1

NOVELTY - **Customizable** electronic **invoice** system with optional security and a number of rules for use on a **data** processing server-client network comprises a document generator (210) connected to a number of clients where one or more senders only have the ability to alter the user invoice (217) **fields** or define access for client/users to the original document. Also provides tracking of any changes made by recipients to client preferred files.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the methods used by the **data** processing system for client and server use.

USE - The system is used to provide a **customizable** electronic **invoicing** service over a client-server network.

ADVANTAGE - The system provides a method for users and senders to view both the original document and any subsequent changes made before receipt and the ability to authenticate any signatures included with the modifications.

DESCRIPTION OF DRAWING(S) - The drawing shows a functional block diagram of components for the billing processing system.

Bill/Document generator (210)

Original user bill/document (217)

pp; 10 DwgNo 2/5

Title Terms: ELECTRONIC; INVOICING; SYSTEM; **DATA** ; PROCESS; SERVE; CLIENT; NETWORK; OPTION; SECURE; SEND; ACCESS; AUTHORISE; MODIFIED; INVOICING;

FIELD

Derwent Class: T01

International Patent Class (Main): G06F-017/24

File Segment: EPI

10/5/37 (Item 37 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013905174 **Image available**

WPI Acc No: 2001-389387/200141

XRPX Acc No: N01-286405

Coupon calender system for providing customer advertising through Internet, has user customization module to provide coupon calender to user, based on information from merchant management module

Patent Assignee: HOLCORP (HOLC-N)

Inventor: WILKMAN M A

Number of Countries: 019 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200072113	A2	20001130	WO 2000US13700	A	20000519	200141 B

Priority Applications (No Type Date): US 99135258 P 19990521

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200072113	A2	E	27	G06F-000/00	
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Designated States (National): JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE

Abstract (Basic): WO 200072113 A2

NOVELTY - The merchant management module (152) manages promotions from merchant by registering merchants, collecting promotions and tracking merchant **billing information**. The user **customization** module (154) processes user queries to determine user's interest, based

on which promotions from merchant are selected for presenting coupon calender to user.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for custom coupon calender providing method.

USE - For providing custom advertising through Internet, satellite broadcast, to provide coupon calender to users promoting services, dining promotions etc., through other communication medium like interactive television networks, telephone networks, wireless data transmission system, two-way cable system, customized computer network, interactive kiosk network, automatic teller machine.

ADVANTAGE - Since the user customization module is provided, custom coupon calender is provided in response to user's request based on user's interest and desire.

DESCRIPTION OF DRAWING(S) - The figure shows the high level block diagram of coupon calender system.

Merchant management module (152)

User customization module (154)

pp; 27 DwgNo 1/10

Title Terms: COUPON; CALENDER; SYSTEM; CUSTOMER; ADVERTISE; THROUGH; USER; MODULE; COUPON; CALENDER; USER; BASED; **INFORMATION** ; MERCHANT; MANAGEMENT; MODULE

Derwent Class: T01; T05; W01; W02

International Patent Class (Main): G06F-000/00

File Segment: EPI

10/5/38 (Item 38 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013574580 **Image available**

WPI Acc No: 2001-058787/200107

XRFX Acc No: N01-043860

Personalised billing system, allows customer to access bill configuration means linked to electronic spreadsheets

Patent Assignee: KONINK KPN NV (NEPO)

Inventor: BRUIJNING J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
NL 1011787	C2	20001017	NL 991011787	A	19990414	200107 B

Priority Applications (No Type Date): NL 991011787 A 19990414

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
NL 1011787	C2	13	G06F-017/60	

Abstract (Basic): NL 1011787 C2

NOVELTY - A configuration means (5) is used to configure the form or contents of the invoice **objects** in order to prepare a **personalised bill** . The configuration means includes an interface in the form of at least one electronic spreadsheet for expressing the chosen invoice properties.

USE - None given.

ADVANTAGE - Bill format can be easily **customised** over the internet by the customer.

DESCRIPTION OF DRAWING(S) - Figure 3 shows a schematic view of the **personalised billing** system.

Telecommunication network (1)

Billing server (2)

User terminals (3)
 Internet access provider (IAP) (4)
 Internet service provider (ISP) (5)
 Operator terminal (6)
 pp; 13 DwgNo 3/3
 Title Terms: PERSON; BILL; SYSTEM; ALLOW; CUSTOMER; ACCESS; BILL;
 CONFIGURATION; LINK; ELECTRONIC
 Derwent Class: T01; W01
 International Patent Class (Main): G06F-017/60
 International Patent Class (Additional): H04L-012/14
 File Segment: EPI

10/5/39 (Item 39 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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013215054 **Image available**
 WPI Acc No: 2000-386928/200033
 Related WPI Acc No: 2000-206138
 XRPX Acc No: N00-289681

**Non-intensive data encoded printed matter of letters, brochures,
 includes machine readable print control symbol located in preset position
 from printed informational content**

Patent Assignee: INSPECTRON CORP (INSP-N)
 Inventor: BERQUIST K G; DEVOR J; LINARES R G; UNNI M; ZHANG X
 Number of Countries: 088 Number of Patents: 002
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200010070	A2	20000224	WO 99US18621	A	19990817	200033 B
AU 9954887	A	20000306	AU 9954887	A	19990817	200033

Priority Applications (No Type Date): US 98135520 A 19980817

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200010070	A2	E	48	G06F-000/00	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
 CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
 KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG
 SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW
 Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
 IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW
 AU 9954887 A G06F-000/00 Based on patent WO 200010070

Abstract (Basic): WO 200010070 A2

NOVELTY - The printed matter includes printed informational content (210) and machine readable print control symbol (214) located in preset position from the informational content. The symbol is not apparent to reviewer of printed matter and encodes **information** concerning the printed matter.

DETAILED DESCRIPTION - The symbol comprises series of bit characters organized in a two dimensional matrix, the characters being of size of 0.30-0.02 mm. INDEPENDENT CLAIMS are also included for the following:

- (a) printing method;
- (b) printing system;
- (c) print monitoring method

USE - For multi-layered shipping receipts, **personalized** advertisement materials, **bills**, marketing material, brochures, formal letters, diverse materials such as semiconductors, glassware, fabrics etc.

... ADVANTAGE - The symbol is detectable only upon close inspection and not apparent to the intended reviewer. The symbol can be localized in the document or on the item, thus limiting the size of image capture device required for detection and the amount of data that must be handled by computer users. Eliminates the time required to recalibrate the image captured device's position relative to the matter.

DESCRIPTION OF DRAWING(S) - The figure shows the positioning of print control symbol on printed matter.

Informational content (210)

Print control symbol (214)

pp: 48 DwgNo 1/9

Title Terms: NON; INTENSE; DATA; ENCODE; PRINT; MATTER; LETTER; BROCHURE; MACHINE; READ; PRINT; CONTROL; SYMBOL; LOCATE; PRESET; POSITION; PRINT; CONTENT

Derwent Class: S06; T01

International Patent Class (Main): G06F-000/00

File Segment: EPI

10/5/40 (Item 40 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013023953 **Image available**

WPI Acc No: 2000-195804/200017

Related WPI Acc No: 2000-195700; 2000-365001; 2000-365002; 2000-646344;

2002-424591; 2002-664680; 2002-681444; 2004-639771; 2004-745616;

2005-150627

XRPX Acc No: N00-144844

Asynchronous transfer mode virtual private network converts modified message into ATM network address and feeds it back to ATM switch for routing private network call over ATM network

Patent Assignee: MCI WORLDCOM INC (MCIW-N); MCI COMMUNICATIONS CORP (MCIC-N)

Inventor: DUGAN A J; MCDYSAN D E

Number of Countries: 024 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200008807	A1	20000217	WO 99US15885	A	19990713	200017 B
US 6078586	A	20000620	US 98128495	A	19980803	200035
EP 1110349	A1	20010627	EP 99935549	A	19990713	200137
			WO 99US15885	A	19990713	
MX 2001001278	A1	20010901	MX 20011278	A	20010202	200239
JP 2002522958	W	20020723	WO 99US15885	A	19990713	200263
			JP 2000564337	A	19990713	
EP 1110349	B1	20040929	EP 99935549	A	19990713	200464
			WO 99US15885	A	19990713	
DE 69920723	E	20041104	DE 99620723	A	19990713	200474
			EP 99935549	A	19990713	
			WO 99US15885	A	19990713	

Priority Applications (No Type Date): US 98128495 A 19980803

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200008807 A1 E 43 H04L-012/28

Designated States (National): CA JP MX SG

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE

US 6078586 A H04J-003/12

EP 1110349 A1 E H04L-012/28 Based on patent WO 200008807

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI

LU MC NL PT SE
 MX 2001001278 A1 H04L-012/28
 JP 2002522958 W 38 H04L-012/56 Based on patent WO 200008807
 EP 1110349 B1 E H04L-012/28 Based on patent WO 200008807
 Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
 LU MC NL PT SE
 DE 69920723 E H04L-012/28 Based on patent EP 1110349
 Based on patent WO 200008807

Abstract (Basic): WO 200008807 A1

NOVELTY - Modulated setup message is routed to control processing node of processing network connected to ATM switches (120a-120g). In control processing node, modified message is converted into ATM network addresses and routed back to switch for enabling private network call to be routed over the ATM network (110).

DETAILED DESCRIPTION - Call setup message associated with a private network call is received and modified by one of the ATM switch of public ATM network. The call setup message associated with a private network call to be routed within the public ATM network is generated. The setup message includes **information** such as original source address of a call initiator and an original destination address of a call recipient subscribed to the private network. A processing network includes control processing nodes which are interconnected with one or more ATM switches of public ATM network. The ATM switch modifies the setup message to include the address of control processing node while embedding the original and destination addresses within the modified setup message. The messages are then routed from the ATM switch to the specified control processing node. After conversion of the modified message in the control node, the message is sent back to the ATM switch.

USE - For providing virtual private network (VPN) services over a shared ATM network and particularly to provide custom services for voice, **data** and video traffic for multiple customer VPNs over a shared ATM network.

ADVANTAGE - The network architecture provides several intelligent services and enhanced calling features in addition to basic VPN service. The offered services include intelligent call routing to multiple destinations, enhanced overflow routing, scheduled routing, load balancing, multimedia conferencing, dynamic call routing, **customized billing** and reporting, ATM bandwidth management features, intranet/extranet authentication, screening and closed user groups.

DESCRIPTION OF DRAWING(S) - The figure shows component architecture of ATM VPN.

ATM network (110)

ATM switches (120a-120g)

pp; 43 DwgNo 3/7

Title Terms: ASYNCHRONOUS; TRANSFER; MODE; VIRTUAL; PRIVATE; NETWORK; CONVERT; MODIFIED; MESSAGE; ATM; NETWORK; ADDRESS; FEED; BACK; ATM; SWITCH; ROUTE; PRIVATE; NETWORK; CALL; ATM; NETWORK

Derwent Class: W01

International Patent Class (Main): H04J-003/12; H04L-012/28; H04L-012/56

International Patent Class (Additional): H04L-012/46; H04Q-011/00

File Segment: EPI

10/5/41 (Item 41 from file: 350)
 DIALOG(R) File 350:Derwent WPIX
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012756122 **Image available**
 WPI Acc No: 1999-562239/199947

Related WPI Acc No: 1991-252843; 1993-386780; 1995-328410; 1996-209484;
 1997-012260; 1997-425229; 1998-009127; 1998-032862; 1998-322947;
 1998-446620; 1998-447446; 1998-531529; 1998-610605; 1999-370185;
 1999-610646; 2001-396378; 2001-502194; 2002-380894; 2003-330686;
 2003-646390; 2003-670726; 2003-670727

XRPX Acc No: N99-415374

**Currency bills handling apparatus for processing that accommodates
 variety of international currency bills and which may be customized
 according to type of currency system**

Patent Assignee: CUMMINS ALLISON CORP (CUMM-N); MAZUR R A (MAZU-I); MENNIE
 D U (MENN-I); VOGEL M S (VOGE-I); WATTS G P (WATT-I); WEGGESSER J F
 (WEGG-I)

Inventor: MAZUR R A; MENNIE D U; VOGEL M S; WATTS G P; WEGGESSER J F;
 CSULITS F M; GRAVES B T

Number of Countries: 084 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9948040	A1	19990923	WO 99US4713	A	19990303	199947 B
AU 9928923	A	19991011	AU 9928923	A	19990303	200008
EP 1073986	A1	20010207	EP 9909798	A	19990303	200109
			WO 99US4713	A	19990303	
US 6241069	B1	20010605	US 90475111	A	19900205	200133
			US 92885648	A	19920519	
			US 93127334	A	19930927	
			US 94339337	A	19941114	
			US 97841203	A	19970429	
			US 97852400	A	19970507	
			US 9875991	P	19980225	
			US 9878228	P	19980317	
			US 9878269	P	19980317	
			US 99245933	A	19990205	
US 6493461	B1	20021210	US 9878269	P	19980317	200301
			US 98179573	A	19981027	
US 20030118228	A1	20030626	US 9878269	P	19980317	200343
			US 98179573	A	19981027	
			US 2002259349	A	20020927	
US 6621919	B2	20030916	US 9878269	P	19980317	200362
			US 98179573	A	19981027	
			US 2002259349	A	20020927	

Priority Applications (No Type Date): US 98179573 A 19981027; US 9878269 P
 19980317; US 90475111 A 19900205; US 92885648 A 19920519; US 93127334 A
 19930927; US 94339337 A 19941114; US 97841203 A 19970429; US 97852400 A
 19970507; US 9875991 P 19980225; US 9878228 P 19980317; US 99245933 A
 19990205; US 2002259349 A 20020927

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9948040 A1 E 94 G06K-009/00

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
 CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
 LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
 TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
 IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9928923 A Based on patent WO 9948040

EP 1073986 A1 E Based on patent WO 9948040

Designated States (Regional): DE ES GB IT

US 6241069 B1 G07D-007/12 CIP of application US 90475111
 Cont of application US 92885648
 Cont of application US 93127334
 Cont of application US 94339337

			CIP of application US- 97841203..
			CIP of application US 97852400
			Provisional application US 9875991
			Provisional application US 9878228
			Provisional application US 9878269
			patent WO 9850892
			patent WO 9948042
			Cont of patent US 5295196
			Cont of patent US 5467405
			Cont of patent US 5692067
			CIP of patent US 6012565
			CIP of patent US 6028951
US 6493461	B1	G06K-009/00	Provisional application US 9878269
US 20030118228	A1	G06K-009/00	Provisional application US 9878269
			Cont of application US 98179573
			Cont of patent US 6493461
US 6621919	B2	G06K-009/00	Provisional application US 9878269
			Cont of application US 98179573
			Cont of patent US 6493461

Abstract (Basic): WO 9948040 A1

NOVELTY - At least one sensor (320) is located along a transport path (360) for producing at least a count signal in response to each bill transported by it. An input device e.g. an operator panel (400) for specifying the type of currency to be counted and the denomination of currency to be counted. A calculates a total value of bills of each currency type based at least in part on the count signal produced by the sensor and the specified currency type and denomination.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for: a method of counting bills of different types of currencies.

USE - In note counters and, more particularly, to a note counter capable of accommodating a variety of international currency bills and which may be **customized** according to the type of international currency system being evaluated.

ADVANTAGE - Capable of accommodating a number of different types of currency systems through its operator interface, sensor(s), sensed characteristic(s), and/or pre-stored **data** defining an acceptable bill

DESCRIPTION OF DRAWING(S) - The drawing is a functional block diagram of a document handling system according to one embodiment of the present invention.

sensor (320)
processor (354)
transport path (360)
operator panel (400)
pp; 94 DwgNo 3/22

Title Terms: CURRENCY; BILL; HANDLE; APPARATUS; PROCESS; ACCOMMODATE; VARIETY; INTERNATIONAL; CURRENCY; BILL; CUSTOMISATION; ACCORD; TYPE; CURRENCY; SYSTEM

Derwent Class: T01; T04; T05

International Patent Class (Main): G06K-009/00; G07D-007/12

File Segment: EPI

10/5/42 (Item 42 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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012743916 **Image available**
WPI Acc No: 1999-550033/199946

Related WPI Acc No: 1992-151149; 1994-324809; 1997-033829; 1998-017910
XRPX Acc No: N99-406920

Call bridging method for providing customized , billing controlled services to telephone customer

Patent Assignee: US ADVANCE NETWORK INC (USAD-N)
Inventor: AUSTIN K L; BILLINGSLEY S F; RICHARDSON C T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5943403	A	19990824	US 90591047	A	19901001	199946 B
			US 92852491	A	19920316	
			US 92861630	A	19920401	
			US 94254166	A	19940606	
			US 95444571	A	19950519	
			US 97915387	A	19970820	
			US 98111957	A	19980708	

Priority Applications (No Type Date): US 92861630 A 19920401; US 90591047 A 19901001; US 92852491 A 19920316; US 94254166 A 19940606; US 95444571 A 19950519; US 97915387 A 19970820; US 98111957 A 19980708

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5943403	A		16	H04M-001/64	Cont of application US 90591047 CIP of application US 92852491 Cont of application US 92861630 Cont of application US 94254166 Cont of application US 95444571 Cont of application US 97915387 Cont of patent US 5113430 CIP of patent US 5317627 Cont of patent US 5355403 Cont of patent US 5581607 Cont of patent US 5692034 Cont of patent US 5835572

Abstract (Basic): US 5943403 A

NOVELTY - A message from plurality of messages containing **information** about reaching limit of call duration is identified at audio response unit (34). Another communication path is bridged between origination and destination telephones (14,16). So as to set communication and the identified message is played in this path. The communicative connection telephones is terminated.

DETAILED DESCRIPTION - Based on the destination indicator a predetermined message in audio response unit is identified for establishing bridging of communication path between ARU and the destination and the message is played in between them. ARU waits for favorable response from the destination and bridges the previous communication paths at node interface (32) depending upon the response to provide link between the two telephones.

USE - For providing **customized , billing** -controlled services to telephone customers.

ADVANTAGE - The bridging system can be connected both through inbound and outbound telephone lines to a carrier switch of a public switched network. Address billing fraud and nuisance calls can be detected by this bridging system by analyzing input port identification **data** , origination numbers and destination numbers. The charging can be done at the prompt of caller's name and address and can also conversations which can be controlled.

DESCRIPTION OF DRAWING(S) - The figure represents a block diagram of call bridging system with its associated components.
Origination telephone (14)

Destination telephone (16)
Node interface (32)
Audio response unit (34)
pp; 16 DwgNo 1/9
Title Terms: CALL; BRIDGE; METHOD; BILL; CONTROL; SERVICE; TELEPHONE;
CUSTOMER
Derwent Class: W01
International Patent Class (Main): H04M-001/64
File Segment: EPI

10/5/43 (Item 43 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012325464 **Image available**
WPI Acc No: 1999-131571/199911
XRPX Acc No: N99-095868

Customised billing arrangement establishment method for calling card
in telecommunication network - involves determining whether conversion of
calling card number from promotional calling from permanent calling card
is desired

Patent Assignee: AT & T CORP (AMTT)
Inventor: CROSS W K; HALLER M J; HIGGINS B J; HOQUE N; JURIC K A; RUSSELL D
G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5864609	A	19990126	US 95526794	A	19950911	199911 B

Priority Applications (No Type Date): US 95526794 A 19950911

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5864609	A	10	H04M-015/00	

Abstract (Basic): US 5864609 A

NOVELTY - Card product type **data** including promotional calling card and permanent calling card and card **information** including balance depletion protocol for promotional calling card and directory number account for permanent calling card are received. It is determined whether a conversion of the calling card number from the promotional calling card to the permanent calling card is desired. The calling card number is converted to the permanent calling card by receiving and storing the directory number account and changing the balance depletion protocol. Customised announcement are issued in accordance with product- type card **information** retrieved from the card validation database. DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a method for converting promotional calling card into permanent calling card.

USE - For telecommunication network.

ADVANTAGE - Enables operator server system (OSS) in telecommunication network to accommodate calling cards with **customized billing** accounts and issue announcement in accordance with **customized billing**. Promotional card may be automatically converted to permanent calling card so that new calling card number need not be assigned. Does not require memorization of new calling card number by customer. DESCRIPTION OF DRAWING(S) - The figure shows flow chart explaining steps involved in billing arrangements establishing method.

Dwg.2/5

Title Terms: CUSTOMISATION; BILL; ARRANGE; ESTABLISH; METHOD; CALL; CARD;

TELECOMMUNICATION; NETWORK; DETERMINE; CONVERT; CALL; CARD; NUMBER;
PROMOTE; CALL; PERMANENT; CALL; CARD
Derwent Class: W01
International Patent Class (Main): H04M-015/00
File Segment: EPI

10/5/44 (Item 44 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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012203057 **Image available**

WPI Acc No: 1999-009163/199901

Related WPI Acc No: 1992-151149; 1994-324809; 1997-033829; 1998-017910

XRPX Acc No: N99-006635

Customised billing controlled call bridging service provision method
- involves bridging input port with output port to complete call on
detecting acceptance of collect-call charges

Patent Assignee: US ADVANCED NETWORK INC (USAD-N)

Inventor: AUSTIN K L; BILLINGSLEY S F; RICHARDSON C T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5835572	A	19981110	US 90591047	A	19901001	199901 B
			US 92852491	A	19920316	
			US 92861630	A	19920401	
			US 94254166	A	19940606	
			US 95444571	A	19950519	
			US 97915387	A	19970820	

Priority Applications (No Type Date): US 92861630 A 19920401; US 90591047 A
19901001; US 92852491 A 19920316; US 94254166 A 19940606; US 95444571 A
19950519; US 97915387 A 19970820

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5835572	A		15	H04M-001/57	Cont of application US 90591047 CIP of application US 92852491 Cont of application US 92861630 Cont of application US 94254166 Cont of application US 95444571 Cont of patent US 5113430 CIP of patent US 5317627 Cont of patent US 5355403 Cont of patent US 5581607 Cont of patent US 5692034

Abstract (Basic): US 5835572 A

The method involves configuring a public switched network to direct calls from a customer telephone to the first input ports of billing controlled call bridging system. The origination number and destination number are received through the input port after the caller dials the destination number on a first customer telephone. The input port is identified using identification data, based on reception of the origination number and destination number.

The identification data and origination number are analysed and the caller is prompted to provide caller identification information. The destination number is called through an output port and the destination party is asked to accept the collect-call charges. The input port is bridged with the output port to complete the call on detecting acceptance of the collect-call charges.

ADVANTAGE - Provides controlled access to recorded conversations.

Offers voice messaging function when call bridging is unsuccessful.

Dwg.1/9

Title Terms: CUSTOMISATION; BILL; CONTROL; CALL; BRIDGE; SERVICE; PROVISION
; METHOD; BRIDGE; INPUT; PORT; OUTPUT; PORT; COMPLETE; CALL; DETECT;
ACCEPT; COLLECT; CALL; CHARGE

Derwent Class: S04; T01; T05; W01; W02

International Patent Class (Main): H04M-001/57

International Patent Class (Additional): H04J-003/12

File Segment: EPI

10/5/45 (Item 45 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011582848 **Image available**

WPI Acc No: 1997-559329/199751

XRPX Acc No: N97-466151

**Text message communication method between mobile and billing centre -
encapsulating mobile subscriber entered text messages into connectionless
signal associated with particular call, messages are extracted by MSC and
transmitted by MSC to billing centre to generate billing statement with
messages**

Patent Assignee: ERICSSON INC (TELF)

Inventor: PATEL M

Number of Countries: 076 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9742772	A2	19971113	WO 97US7608	A	19970506	199751 B
AU 9728283	A	19971126	AU 9728283	A	19970506	199813
US 5835856	A	19981110	US 96646585	A	19960508	199901
EP 897642	A2	19990224	EP 97922677	A	19970506	199912
			WO 97US7608	A	19970506	
CN 1225223	A	19990804	CN 97196235	A	19970506	199949
JP 2000510295	W	20000808	JP 97540135	A	19970506	200043
			WO 97US7608	A	19970506	
AU 726166	B	20001102	AU 9728283	A	19970506	200062

Priority Applications (No Type Date): US 96646585 A 19960508

Cited Patents: No-SR.Pub

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9742772 A2 E 23 H04Q-000/00

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ
VN YU

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT
KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9728283 A H04Q-007/00 Based on patent WO 9742772

US 5835856 A H04B-007/22

EP 897642 A2 E H04Q-007/22 Based on patent WO 9742772

Designated States (Regional): DE FI FR GB IT

CN 1225223 A H04Q-007/22

JP 2000510295 W 29 H04M-015/00 Based on patent WO 9742772

AU 726166 B H04Q-007/00 Previous Publ. patent AU 9728283

Based on patent WO 9742772

Abstract (Basic): WO 9742772 A

The method involves encapsulating the mobile subscriber entered
text messages into a connectionless signal, the text messages (170)
being associated with a particular call. The connectionless signal is

transmitted from the mobile station (20) to the mobile switching centre (MSC) serving the mobile.

The text messages encapsulated in the connectionless signal are extracted by the MSC. The extracted text messages are transmitted from the MSC to the billing centre (140). The billing centre generates a billing statement including the transmitted text messages for that particular call. The connectionless signal comprises an outgoing call setup request message.

USE - For transportation of user defined text messages from mobile station to billing centre.

ADVANTAGE - Billing centre uses transported text messages to generate more **customised billing** statements to enhance **information** given to user for their calls.

Dwg.3/5

Title Terms: TEXT; MESSAGE; COMMUNICATE; METHOD; MOBILE; BILL; CENTRE; ENCAPSULATE; MOBILE; SUBSCRIBER; ENTER; TEXT; MESSAGE; SIGNAL; ASSOCIATE; CALL; MESSAGE; EXTRACT; TRANSMIT; BILL; CENTRE; GENERATE; BILL; STATEMENT; MESSAGE

Derwent Class: W01; W02

International Patent Class (Main): H04B-007/22; H04M-015/00; H04Q-000/00; H04Q-007/00; H04Q-007/22

International Patent Class (Additional): H04Q-007/38

File Segment: EPI

10/5/46 (Item 46 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011055905 **Image available**

WPI Acc No: 1997-033829/199703

Related WPI Acc No: 1992-151149; 1993-337241; 1994-324809; 1998-017910; 1999-550033

XRPX Acc No: N97-028590

Call bridging method between origination and destination telephones - receiving origination and destination numbers and generating input port identification data which is analysed to select and initiate customised billing -controlled collect call bridging application

Patent Assignee: US ADVANCED NETWORK INC (USAD-N)

Inventor: AUSTIN K L; BILLINGSLEY S F; RICHARDSON C T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5581607	A	19961203	US 90591047	A	19901001	199703 B
			US 92852491	A	19920316	
			US 92861630	A	19920401	
			US 94254166	A	19940606	

Priority Applications (No Type Date): US 92861630 A 19920401; US 90591047 A 19901001; US 92852491 A 19920316; US 94254166 A 19940606

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5581607	A	15	H04M-001/64	Cont of application US 90591047 CIP of application US 92852491 Cont of application US 92861630 Cont of patent US 5113430 CIP of patent US 5317627 Cont of patent US 5355403

Abstract (Basic): US 5581607 A

The method connects a self-controlled bridging node to a telecommunications switch of a public switched network. The call is received at the bridging node through a first communication path from the switch. It also receives the origination and destination numbers. The origination number is automatically generated within the public switched network upon initiation of the call.

The call is forced to be a collect call and the destination number is transmitted through a second communication path from the bridging node to the switch. A collect call prompt is transmitted to the destination telephone, requesting an indication of acceptance of the billing charges. The first and second communication paths are then bridged together by the bridging node to provide a connection between the origination and destination telephones.

USE/ADVANTAGE - E.g. for prisoners having telephone privileges. Provides **customised**, **billing** -controlled call bridging services. Connects to one carrier switch of PSTN through both inbound and outbound telephone lines. Prevents billing fraud and nuisance calls. Analyses input port identification **data**, origination numbers and destination numbers to select customised call bridging applications. Records conversations and provides controlled access to recorded conversations. Provides voice messaging functions when call bridging is unsuccessful.

Dwg.1/9

Title Terms: CALL; BRIDGE; METHOD; DESTINATION; TELEPHONE; RECEIVE; DESTINATION; NUMBER; GENERATE; INPUT; PORT; IDENTIFY; **DATA**; ANALYSE; SELECT; INITIATE; CUSTOMISATION; BILL; CONTROL; COLLECT; CALL; BRIDGE; APPLY

Derwent Class: W01

International Patent Class (Main): H04M-001/64

International Patent Class (Additional): H04M-003/42

File Segment: EPI

10/5/47 (Item 47 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010443044 **Image available**

WPI Acc No: 1995-344363/199544

XRPX Acc No: N95-257368

Multi-provider on-line surface interface with variable service provider for subscriber - generates service maps defining accessible subscriber features and establishes computer communications link to allow subscriber access

Patent Assignee: TELESKAN INC (TELE-N)

Inventor: CARLIN R K; FRANTZ J F

Number of Countries: 062 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9524011	A1	19950908	WO 95US2559	A	19950301	199544 B
AU 9519753	A	19950918	AU 9519753	A	19950301	199551
US 5694549	A	19971202	US 94205195	A	19940303	199803
US 5845073	A	19981201	US 94205195	A	19940303	199904
			US 96634326	A	19960418	
US 6119152	A	20000912	US 94205195	A	19940303	200046
			US 96634326	A	19960418	
			US 98199497	A	19981125	

Priority Applications (No Type Date): US 94205195 A 19940303; US 96634326 A 19960418; US 98199497 A 19981125

Cited Patents: US 4827508; US 5220501; US 5247575; US 5319542; US 5327554; US 5347632; US 5379421

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9524011	A1	E	21	G06F-017/30	
Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK TJ TT UA UG UZ VN					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG					
AU 9519753	A			G06F-017/30	Based on patent WO 9524011
US 5694549	A		13	G06F-013/00	
US 5845073	A			G06F-015/16	Cont of application US 94205195 Cont of patent US 5694549
US 6119152	A			G06F-015/16	Cont of application US 94205195 Cont of application US 96634326 Cont of patent US 5694549 Cont of patent US 5845073

Abstract (Basic): WO 9524011 A

The communications service allows several service providers (16) to provide services to respective groups of subscribers (14), with the on-line service from each provider being independent of the on-line service from other providers. The subscriber's access to features is maintained through service maps which are customised by the service provider interactively with the host computer (12).

Upon log-on, the service map is downloaded to a subscriber computer and defines the services that can be accessed, the appearance of the user interface and navigates through the services. **Data** for each provider's service is maintained separately from the **data** for other providers. **Billing** can be **customised** for each provider. The host (12) is a network of mini and microcomputers which are networked together. Alternatively, The host comprises a larger computer, such as a mainframe computer, or several mid-size or mainframe computers.

ADVANTAGE - Multi-provider on-line service offering number of on-line services or access to subset of features.

Dwg.1/5

Title Terms: MULTI; LINE; SURFACE; INTERFACE; VARIABLE; SERVICE; SUBSCRIBER ; GENERATE; SERVICE; MAP; DEFINE; ACCESS; SUBSCRIBER; FEATURE; ESTABLISH; COMPUTER; COMMUNICATE; LINK; ALLOW; SUBSCRIBER; ACCESS

Derwent Class: T01; W01

International Patent Class (Main): G06F-013/00; G06F-015/16; G06F-017/30

International Patent Class (Additional): G06F-015/163; G06F-015/177;

G06F-017/40

File Segment: EPI

10/5/48 (Item 48 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009458485 **Image available**

WPI Acc No: 1993-152011/199318

XRPX Acc No: N93-116386

Outbound telecommunications system e.g. for mobile communications - creates and stores service profile, for each subscriber, contg. information on desired features and billing options, changes given target station characteristics from any location and loads service profile into database

Patent Assignee: AT & T BELL LAB (AMTT)

Inventor: GUPTA A K; SALEH P D; SEIP B S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5206899	A	19930427	US 91755407	A	19910905	199318 B

Priority Applications (No Type Date): US 91755407 A 19910905

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5206899	A	12	H04M-003/42	

Abstract (Basic): US 5206899 A

In a telecommunications system, the appts. for altering the features provided to outbound telephone calls originating from a target station and routed to a destination via a switch, includes a **data** base which stores a record indicative of the features to be applied to calls from the target station and processed in the switch.

A device in the switch responds to automatic number identification (ANI) **information** associated with a target station call retrieving the record from the **data** base and applies the features to the call. An update device updates the record in the database in response to a call initiated from a station other than the target station.

ADVANTAGE - Allows mobile subscriber to assign **personalised** characteristics e.g. advanced **billing** options, custom features for any target station. Identity of target station w.r.t. network maintained.

Dwg.1/6

Title Terms: TELECOMMUNICATION; SYSTEM; MOBILE; COMMUNICATE; STORAGE; SERVICE; PROFILE; SUBSCRIBER; CONTAIN; **INFORMATION** ; FEATURE; BILL; OPTION; CHANGE; TARGET; STATION; CHARACTERISTIC; LOCATE; LOAD; SERVICE; PROFILE; DATABASE

Derwent Class: W01

International Patent Class (Main): H04M-003/42

International Patent Class (Additional): H04M-015/16

File Segment: EPI

Set	Items	Description
S1	0	AU=(SIOUFI, A? OR SIOUFI A?)
S2	2256588	BILLS OR BILL OR BILLING OR BILLED OR INVOIC?
S3	1331261	PERSONALI? OR CUSTOMI? OR PARTICULARI?
S4	2157609	TEMPLATE? ? OR OBJECT? ? OR FORMAT? ? OR LIBRARY
S5	2290814	PREFILL? OR PRE()FILL??? OR FIELD? ?
S6	18136104	DATA OR INFORMATION OR INFO
S7	9557	S2(5N)S3
S8	121231	S2(4N)(GENERAT? OR PRODUC? OR CREAT?)
S9	185	S7(35X)S8
S10	180	S8(35X)S7
S11	338	S9 OR S10
S12	73	S11(S)S4
S13	172	S11(S)(S5 OR S6)
S14	159	(S12 OR S13)(20N)(CUSTOMER? OR CLIENT? OR USER? OR PEOPLE - OR PERSON? ? OR COMPANY OR PARTICIPANT? OR COMPANIES? OR INDI- VIDUAL? OR ORGANIZATION? ?)
S15	105	S14 NOT PY>2000
S16	52	RD (unique items)
S17	186417	S5(10N)S6
S18	421	S17(S)(S7 OR S8)
S19	51	S18(25N)S4
S20	38	S19 NOT PY>2000
S21	31	RD (unique items)
S22	83	S21 OR S16
S23	83	RD (unique items)
File	9:Business & Industry(R)	Jul/1994-2005/Jul 01 (c) 2005 The Gale Group
File	15:ABI/Inform(R)	1971-2005/Jul 04 (c) 2005 ProQuest Info&Learning
File	16:Gale Group PROMT(R)	1990-2005/Jul 01 (c) 2005 The Gale Group
File	148:Gale Group Trade & Industry DB	1976-2005/Jul 01 (c)2005 The Gale Group
File	160:Gale Group PROMT(R)	1972-1989 (c) 1999 The Gale Group
File	275:Gale Group Computer DB(TM)	1983-2005/Jul 04 (c) 2005 The Gale Group
File	621:Gale Group New Prod.Annou.(R)	1985-2005/Jul 04 (c) 2005 The Gale Group
File	636:Gale Group Newsletter DB(TM)	1987-2005/Jul 04 (c) 2005 The Gale Group

23/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

02211891 Supplier Number: 25755112 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Accounting Technology Honors eLeaders; Part 2 of 2

(Creative Solutions begins offering Virtual Office platform; Tax &
Accounting Software had 200,000+ visitors to Preptax.com in last tax
season)

Accounting Technology, v 16, n 6, p 20+

July 2000

DOCUMENT TYPE: Journal; Cover Story; Industry Overview ISSN: 1068-6452 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1760

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...to assist lawyers, accountants, consultants, and other service professionals with tracking time and expenses, producing **customized billing**, and generating management reports that support budgeting and accounting processing.

With eCenter, **users** enter time **data** via a browser, but will need to download the **information** to their PC-based copies of Timeslips to **generate bills**. The system administrator is in charge of setting up the account using a Web-based...

...has the ability to add and delete timekeepers as well as restrict their access to **information**.

Users access Timeslips eCenter via the Internet, enter their **user** name and password, and track their time and expenses. The navigation tools guide the users...

23/3,K/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

02171476 Supplier Number: 25684305

MessagingDirect Ltd

(MessagingDirect and Bell & Howell entered a strategic partnership with the goal of providing customizable electronic billing services for financial, insurance, telecommunications, and utility companies)

Electronic Commerce World, v 10, n 5, p 21

May 2000

DOCUMENT TYPE: Journal ISSN: 1092-0366 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 65

TEXT:

MessagingDirect Ltd. (www.messagingdirect.com), a software **company** that **produces** secure electronic statements and **bill** delivery solutions, formed a strategic partnership with Bell & Howell Co., (www.bellhowell.com) an **information** solutions and services provider. With the partnership, financial services, telecommunications, insurance and utility **companies** will be able to access a **customizable** electronic **billing** service that the **companies** say will provide increased flexibility in secure bill and

statement delivery: ...

23/3,K/3 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

02066751 Supplier Number: 25571320

Elite Information Group

(Elite Information Group targeting professional service firms with new Web site that offers billing services)

Media Week, v 10, n 4, p 74

January 24, 2000

DOCUMENT TYPE: Journal ISSN: 1055-176X (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 67

TEXT:

...toward professional service firms with up to 20 billable professionals. A key component is its **customizable** Timesolv Online Time and **Billing** Service, which lets **users** keep track of **hours** spent on various projects, then automatically **generate** invoices. Elite.com charges either by number of **invoices** **produced** or a flat fee of \$9.95 a month.

...

23/3,K/4 (Item 4 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

01876500 Supplier Number: 24696510 (USE FORMAT 7 OR 9 FOR FULLTEXT)

New Alliance Entering Internet Billing Fray

(Logica, Adesso Software, Group 1 Software and edocs Inc join forces to develop Internet-based electronic billing service)

American Banker, v 164, n 124, p 14

June 30, 1999

DOCUMENT TYPE: Newspaper ISSN: 0002-7561 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 577

ABSTRACT:

...to send electronic bills to customers via the Internet. The service would allow businesses to **format** Internet statements, send them electronically to consumers, and integrate them with paper billing systems and related **data** bases. The companies are entering a **field** already crowded with major banks and other companies like CheckFree. All hope to cash in...

...to Karl Duffy, vice president of Killen & Associates. Software from Group 1 is used to **create** **bill** images and targeted advertising. BillDirect software from edocs would be used to **create** Internet **formats** for the bills and send e-mail notifications. ...

23/3,K/5 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01806787 04-57778

Avoid pitfalls by planning migration

Stein, Tom

Informationweek n729 PP: 122-126 Apr 12, 1999
ISSN: 8750-6874 JRNL CODE: IWK
WORD COUNT: 1713

...TEXT: live with Oracle financials last April and used SmartDB for the data conversion. Toshiba CIO **Bill** Dixon says the **product** is designed specifically for Oracle, and thus contains **templates** that determine exactly where the data is coming from-in this case an old financial system from Arthur Andersen-then puts that **data** into the proper **fields** and tables within the Oracle system. Dixon says if he had done the data migration...

23/3,K/6 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01548121 01-99109

Time-saving benefits software

Kimbark, Bill

HRMagazine v42n12 PP: 39-40 Dec 1997

ISSN: 1047-3149 JRNL CODE: PAD

WORD COUNT: 931

...TEXT: information.

The Reports section is a simple, yet powerful, tool to access employee and plan **data**, providing both readymade reports and a way to create **user**-defined reports. You can also download the **data** and import it into a standard spreadsheet program for further **customization**.

The **Invoice** section allows you to generate bills and summaries for all your benefits plans. After specifying the carrier and the period you want the invoice to cover, you click on the **Create** button. A display of **invoice** information then appears, giving you options for other details to be shown on that invoice...

23/3,K/7 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01541296 01-92284

Putting the NT in convergent

Bucholtz, Chris

Telephony v233n20 PP: 68 Nov 17, 1997

ISSN: 0040-2656 JRNL CODE: TPH

WORD COUNT: 551

...TEXT: that arise when you have to create your own code."

The system comprises five modules. **Customer** Advocate is the primary **customer** support tool, which enables **customer** service representatives to quickly enter orders and provision services and **products**. The **Bill** Architect component assembles and organizes **billing data** and allows carriers to **customize** the **bill** format. This module also calculates taxes and volume discounts, and it supports verification and audit...

23/3,K/8 (Item 4 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2005 ProQuest Info&Learning. All rts. reserv.

01225922 98-75317

How we tested

Hutton, Bill

InfoWorld v18n17 PP: 88-92 Apr 22, 1996

ISSN: 0199-6649 JRNL CODE: IFW

WORD COUNT: 749

...TEXT: create groups of message recipients for repeated mass mailings. Furthermore, we hoped to find message **templates** or forms, which make it easy to request standard, **field-based information**.

Messaging

Given the deluge of **information** that can enter your inbox daily, e-mail software needs to provide convenient, flexible ways...

23/3,K/9 (Item 5 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2005 ProQuest Info&Learning. All rts. reserv.

01083529 97-32923

Perfect form

Macht, Joshua

Inc. v17n13 (Inc. Technology) PP: 87 1995

ISSN: 0162-8968 JRNL CODE: INO

WORD COUNT: 312

...TEXT: Instead, Brown bought an \$89.95 software package, JetForm BizForms (JetForm, 800-367-6375), that **generates** customizable **invoices**, purchase orders, credit return forms, and other standard business forms. When a **customer** orders 100 flossers, for example, Brown opens an electronic **invoice** that he can **customize** if necessary. He fills out the order **information** and faxes the electronic copy to the **customer**. He then labels the invoice and stores it electronically. If someone disputes a bill (one...

23/3,K/10 (Item 6 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2005 ProQuest Info&Learning. All rts. reserv.

00767536 94-16928

Telemarketing systems (Part 4)

Anonymous

Direct Marketing v56n5 PP: 36-37+ Sep 1993

ISSN: 0012-3188 JRNL CODE: DIM

WORD COUNT: 1290

...TEXT: mail capability, report writer, letter generator and built-in word processor. Optional order processing to **produce invoices** and track AR available. Import/export to dBase and delimited file **formats**.

Operating Environment(s): PC/MS-DOS

Version: 2.3

Memory Requirements: 640 KB

List Price...

23/3,K/11 (Item 1 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
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08140512 Supplier Number: 67937491 (USE FORMAT 7 FOR FULLTEXT)
BUY DECISION: Information Capture.(Cardiff Software Inc.'s TELEform
7.0) (Product Announcement)
Software Magazine, v20, n5, p90
Oct, 2000
Language: English Record Type: Fulltext
Article Type: Product Announcement
Document Type: Magazine/Journal; General Trade
Word Count: 222

The company also introduced its first release of AutoMerge Publisher, which merges **data** with form **templates** to deliver personalized, **prefilled** electronic forms using print, fax, e-mail, and PDF. Within form merge applications, AutoMerge Publisher can **prefill** portions of a form with name, company, and known contact **information**, while leaving the unknown form questions blank. **Prefilled** forms are created via an automated batch process and e-mailed as PDE attachments. The ...

23/3,K/12 (Item 2 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

07710129 Supplier Number: 64260010 (USE FORMAT 7 FOR FULLTEXT)
Doculabs Names Bell & Howell a Major Player in Emerging Electronic Billing
Market.
PR Newswire, p8409
August 16, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 558

... is centered around TransFormer(TM), a print and data manipulation utility that transforms legacy print **data** into XML **format**, and eRoute. eRoute is a Web-based system that automatically tracks **customer** delivery preferences, provides remote and secure access for **customer** service representatives, and incorporates XML **data** with Java server pages to **create** a dynamic, **user** -controlled **billing** solution.

Bell & Howell's IMPACT eMessaging solution makes it easy to create **personalized** electronic **bills** and statements that incorporate account information and targeted cross-sell **information** at a Web site, via any of the CheckFree aggregation sites, or pushed directly to a **users** in-box via secure e-mail.

About Doculabs

Doculabs, Inc., an independent industry analyst firm...

23/3,K/13 (Item 3 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

07655318 Supplier Number: 63772125 (USE FORMAT 7 FOR FULLTEXT)

Accounting Technology Honors eLeaders.

Scott, Robert W.; Alexander, Antoinette

Accounting Technology, v16, n6, p21

July, 2000

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 5003

... to assist lawyers, accountants, consultants, and other service professionals with tracking time and expenses, producing **customized billing**, and generating management reports that support budgeting and accounting processing.

With eCenter, **users** enter time **data** via a browser, but will need to download the **information** to their PC-based copies of Timeslips to **generate bills**. The system administrator is in charge of setting up the account using a Web-based...

...has the ability to add and delete timekeepers as well as restrict their access to **information**.

Users access Timeslips eCenter via the Internet, enter their **user** name and password, and track their time and expenses. The navigation tools guide the users...

23/3,K/14 (Item 4 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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07644578 Supplier Number: 63712011 (USE FORMAT 7 FOR FULLTEXT)

Wells Fargo Home Mortgage's Online Bills(R) Allows Customers to Receive, View and Pay Bills Electronically.

PR Newswire, pNA

July 27, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 522

... adjusted to account for weekends and/or holidays;

-- Flexibility -- scheduled payments can be modified, allowing **customers**

to change dates and/or payment information up to one day before the payment is due;

-- **Customization** -- **customers** can request reminder **invoices**, on-line

confirmation of bill payment, **information** about cash flow cycles, etc.;

-- Online or telephone **customer** support.

For more **information** about the Online **Bills** program and other mortgage **products** and services, visit Wells Fargo Home Mortgage on the Internet at <http://www.wellsfargo.com>...

23/3,K/15 (Item 5 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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07501847 Supplier Number: 62979903 (USE FORMAT 7 FOR FULLTEXT) ---
Usha Communications Technology Selects Group 1 To Provide Customized
Billing Documents.

PR Newswire, p8307

June 27, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 581

... personalized business documents for print and on-line delivery. Usha Communications Technology offers billing and **customer** care solutions for Integrated Communications Service Providers (ICPs) worldwide. Companies utilizing Unicorn, Usha's convergent customer care and **billing** system, can easily create targeted **billing** documents with DOC1.

"Together, DOC1 and Unicorn give operators the power to deliver highly **customized**, customer-focused **invoices**," said James Latham, Executive VP of Marketing at Usha Communications Technology. "Unicorn allows operators to...

...specific groups of customers based on individual demographics or behaviors. DOC1 will help our clients **create** messages and **bill formats** that are personalized for each customer."

Unicorn includes a two-way interface that produces data in a file **format** that DOC1 can easily import. DOC1 can subsequently **customize invoices** for printing on high-speed laser printers. After composing the billing document, DOC1 relays **information** back to Unicorn to update the **customer information**, showing which **customers** have received invoices and when.

The DOC1 system allows dynamic document applications to be developed
...

23/3,K/16 (Item 6 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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07212299 Supplier Number: 61415082 (USE FORMAT 7 FOR FULLTEXT)

Nortel adds billing software to GPRS system.(Company Business and
Marketing)(Brief Article)

Telecomworldwire, pNA

April 10, 2000

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Newsletter; Trade

Word Count: 110

... General Packet Radio Service) infrastructure system with the Preside Service Accounting system.

Based on the **company**'s Preside **customer** care and **billing product** the new system is an open, standards-based platform that allows operators moving to multi-service packet networks to consolidate billing **information** from multiple network elements for delivery to a single **billing** system.

Other features include **customised** tariff schemes, support for real-time billing to secure and extend prepaid services and easy...

23/3,K/17 (Item 7 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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07073121 Supplier Number: 59611511 (USE FORMAT 7 FOR FULLTEXT)
**MessagingDirect and Bell & Howell Team-Up to Deliver Bills & Statements
Directly From Legacy Systems Right to the Desktop.**
Business Wire, p1544
Feb 23, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 705

... nbsp;;;for Financial Service, Telecommunications, Insurance and
Utilities

;;; Companies

;;;Today at the IQPC Summit 2000 show in Scottsdale, AZ,
MessagingDirect, a software **company** dedicated to **producing** secure
electronic statements and **bill** delivery solutions today announced a
strategic partnership with Bell & Howell, a leading linformation solutions
and services provider. Through the strategic partnership, financial
services, telecommunications, insurance and utilities **companies** will now
have access to a **customizable** e- **billing** solution designed to provide
increased flexibility in secure bill and statement delivery with greater
scalability and an increased level of **customer** care.

;;; "In partnering with MessagingDirect, we were able to increase our
...

23/3,K/18 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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07007265 Supplier Number: 59234325 (USE FORMAT 7 FOR FULLTEXT)
BroadVision Launches World's First Personalized e-Billing Product.
PR Newswire, p4726
Feb 8, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 726

... the newest offering in the BroadVision One-To-One applications
family. One-To-One(TM) **Billing** is the first **personalized** customer
electronic **bill** delivery, payment and self-care application available.
The application enables companies to deliver **personalized bills** to, and
receive payment from, customers online. It also allows customers to
self-manage their accounts, payment methods, and subscribed **products** and
services. The sophisticated bill presentment features of the **product**
enable one-to-one relationship marketing with customers while reducing the
costs associated with customer...

...based billing.

One-To-One Billing allows companies to interact effectively with
their customers every **billing** period by including powerful, **personalized**
messages to **customers** when they review and pay their **bills**, **creating**
opportunities to increase revenue by cross-selling and up-selling
customers on additional services. Billers can target these personalized
messages based on their **customer** 's interest profile, payment history, as
well as from **data** within the bill itself, such as the current amount due,
number of minutes used, or almost any other **data** present in the bill.
Other key application features include: **customer**
self-enrollment/registration, review of current and previous bill
summaries, details and payments, scheduled bill...

23/3,K/19 (Item 9 from file: 16)
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06856331 Supplier Number: 58077486 (USE FORMAT 7 FOR FULLTEXT)
Joint Effort by Visio Corp. and NetScout Systems Improves Network Documentation Tool.
PR Newswire, p7460
Dec 8, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 952

... our existing network today, as well as what is needed in the future."

Each VNE **library** SmartShape gives customers access to more than 30 **data fields** for detailed **information** on each **data** source, such as network location, asset information, maintenance records and cable connections. Network managers can...

23/3,K/20 (Item 10 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06836853 Supplier Number: 57876577 (USE FORMAT 7 FOR FULLTEXT)
Just in Time Solutions Launches Online Billing Product Based On Art Technology Group's Dynamo Platform.
Business Wire, p1419
Dec 1, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 893

... s dynamic content targeting that makes it possible for Just in Time to deliver a **customized billing** experience to their **customers**. BillCast's content targeting capabilities, driven by Dynamo, combines **customer** profiles with existing **data** and **billing information** **generating** unique content for each **customer**. For example, a consumer's Web page flow and options may be different depending on...

23/3,K/21 (Item 11 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06784415 Supplier Number: 57234879 (USE FORMAT 7 FOR FULLTEXT)
StreamServe's Document Formatting and Processing a Broadens Scope of Macro 4's Output Management Solutions.
PR Newswire, p7059
Nov 4, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 416

... business-critical documents.

StreamServe, Inc., is a rapidly growing provider of intelligent output management and **customer** communications solutions. It offers **users**

the chance to produce **customized** reporting, such as **invoices**, purchase orders, **customer bills** and statements **generated** by ERP and other business applications. Macro 4's solutions then delivers this **information** through to its final destination, which could be any medium, from printers, fax servers, e-mail gateways, PDF files, XML, HTML or EDI, ensuring that **organizations** can embrace the challenges of e-business. Reporting **information** can also be exported to mobile phones and pagers.

Marie-Charlotte Patterson, vice president of...

23/3,K/22 (Item 12 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)

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06458527 Supplier Number: 55131430 (USE FORMAT 7 FOR FULLTEXT)

Vendors Add Ease To Internet Billing Process..

Debit Card News, pITEM99193004

June 30, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 257

The **format**, known as electronic commerce modeling language, utilizes uniform **field** names to streamline how online merchants collect **data** for shipping, billing and payment. Rather than type in the same information for each order...

23/3,K/23 (Item 13 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)

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06439628 Supplier Number: 55000564 (USE FORMAT 7 FOR FULLTEXT)

FEATURE/Olsten Corporation Unveils Precise System At Global Human Resource Management Conference.

Business Wire, p1063

June 28, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 952

... and the largest in the staffing services industry) provides accurate, prompt assignment employee payment and **customized client invoices** and payroll **information**.

- Precise System **Billing**: Oracle Financials **customized** to Olsten's specifications **generate** standardized **invoices** with **customer**-specified information fields resulting in quicker response to inquiries and **customer** account updates, as well as improved reporting capabilities.
- Precise System Reporting: Olsten will deliver sophisticated...

23/3,K/24 (Item 14 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)

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06264425 Supplier Number: 54352635 (USE FORMAT 7 FOR FULLTEXT)

Avoid Pitfalls By Planning Migration -- When Moving Old Data To A New ERP System, Handle With Care-And The Right Tool.(Technology Information)

Stein, Tom
InformationWeek, p122(1)
April 12, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 1673

... live with Oracle financials last April and used SmartDB for the data conversion. Toshiba CIO **Bill** Dixon says the **product** is designed specifically for Oracle, and thus contains **templates** that determine exactly where the data is coming from-in this case an old financial system from Arthur Andersen-then puts that **data** into the proper **fields** and tables within the Oracle system. Dixon says if he had done the data migration...

23/3,K/25 (Item 15 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06246358 Supplier Number: 54793293 (USE FORMAT 7 FOR FULLTEXT)
Which way to bill your customers: by mail or electronic delivery, or both?
Walker, Bill
Direct Marketing, v61, n10, p44(4)
Feb, 1999
Language: English Record Type: Fulltext Abstract
Document Type: Magazine/Journal; Trade
Word Count: 2169

... bills grows, the need to integrate EBPP with paper billing operations will also grow. This **integration will simplify the movement of customers from one delivery method to another, improve marketing efforts** ...paper bills, the Print Stream Routing and Transformation module can improve the appearance of the **bill** through reformatting, add **customized** marketing messages to the **bill** and generate instructions for selective inserting of additional marketing messages into the envelope.

* Electronic **Bill** Creation and Delivery

The architecture supports several alternative models for **creation** and delivery of electronic **bills** (see illustration). In a "direct" model, the electronic bill creation occurs at the biller's Web site, and **customers** access the biller's Web server to view and pay their bills. This model provides...

...multiple Web sites to pay all their bills. In a "thick consolidator or outsource" model, **customers** access all their bills at a consolidator's Web site and the biller merely sends the bill **data** to the consolidator. **Customers** gain the ability to pay many bills at one Web site, but the biller loses...

23/3,K/26 (Item 16 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06221477 Supplier Number: 54217461 (USE FORMAT 7 FOR FULLTEXT)
Convergys Corporation Integrates Convergent Biller Into Solution Set.
Business Wire, p1178
March 26, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade

Word Count: 701

... easy-to-use graphical user interface. In addition, the new convergent functionality will support complex **customer** contract terms (i.e. pricing plans) with just a few keystrokes and enable the creation of many **customized bill** and report **formats** through the use of **objects**, all without programming.

Convergys will enable **clients** to apply these new convergent features to existing **billing** systems by **producing** consolidated **bills** from multiple sources, customizing the output of other systems into a single web-enabled, convergent...

23/3,K/27 (Item 17 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06084306 Supplier Number: 53601655 (USE FORMAT 7 FOR FULLTEXT)

Lucent to buy Kenan in \$1.4B deal.(Company Business and Marketing)

Weil, Nancy

Network World, pNA(1)

Jan 18, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 618

... K., British Telecommunications, France Telecom, AT&T's Worldnet, GTE's Interworking and @Home.

The **company** makes off-the-shelf software that doesn't require much **customization**. The software handles **billing**, order processing and **customer** analysis. **Customers** can use the software to **create** one **bill** for **customers** including any combination of wireless, wireline, voice, **data**, broadband cable and Internet services.

In its last fiscal year, which corresponds with the calendar...

23/3,K/28 (Item 18 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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05989632 Supplier Number: 53356435 (USE FORMAT 7 FOR FULLTEXT)

Netscape Unveils Next Generation Applications for Commerce Exchange.

PR Newswire, p2154

Dec 7, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1118

... documents and their status. Trading partners also can administer their own personalized profile.

* Pre-packaged **templates** for standard EDI transactions and forms, including purchase orders, purchase order acknowledgments and invoices. In addition, an intelligent turn-around feature simplifies the process of **creating** an **invoice** based on a purchase order by automatically "turning around" information from document-specified fields.

* Scalability...

23/3,K/29 (Item 19 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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05940559 Supplier Number: 53191902 (USE FORMAT 7 FOR FULLTEXT)
**VAR Rescues Billing Process -- PAD Systems' Software Cures Ambulance
Company's Paperwork Dilemma. (Company Operations)**

Jaleshgari, Ramin P.

VARbusiness, p41(1)

Nov 9, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1347

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...The drag-and-drop environment and graphical user interface makes it easy to find necessary **information fields** or charts of previously transported patients. **Data** entry clerks are reaping the rewards, too: The system reads and translates handwriting into simple text **format**, so there's no more struggling to make out technicians' hurried scrawl. Additionally, the PADStat...

23/3,K/30 (Item 20 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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05418028 Supplier Number: 48218892 (USE FORMAT 7 FOR FULLTEXT)
**Omniplex Communications Group Introduces New Revenue Opportunity for
Interconnects.**

Business Wire, p01120343

Jan 12, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 467

... marketing support, including recruitment assistance, prepackaged sales contests, compensation models, installed base marketing tools, proposal **generators** and **bill** analysis software.

-- An array of voice and **data** services that complement system sales and solutions to new and existing **customers**.

-- Flexible **billing** systems that accommodate co-branding, **customized** messages, interconnect fees, special credits and equipment lease payments.

-- Complete back-office support, including COG...

23/3,K/31 (Item 21 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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04808362 Supplier Number: 47074384 (USE FORMAT 7 FOR FULLTEXT)
**NetGravity and Netscape Team to Provide Leading Web Advertising and
Publishing Solution.**

Business Wire, p01290229

Jan 29, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 599

... developers and independent software vendors such as NetGravity.

The Netscape Publishing System allows businesses and **organizations** to manage content and customers online. Netscape Publishing System includes integrated document management, user profiling for delivery of **personalized** information, a **customizable** **billing** model, access control, and an integrated credit card processing and **billing** system.

It can also **create** HTML pages dynamically based on **user** queries. Flexible **user** registration services allow publishers to tailor log-in **templates** to collect additional **information** about a **customer**. **User** profile **information** is stored in a relational database for use in matching content and advertising.

About Netscape...

23/3,K/32 (Item 22 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

04803305 Supplier Number: 47067982 (USE FORMAT 7 FOR FULLTEXT)
Internet Access: Netscape and Bellcore team to deliver interactive advertising management system

EDGE, on & about AT&T, pN/A

Jan 27, 1997

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 758

... developers and independent software vendors such as Bellcore.

The Netscape Publishing System allows businesses and **organizations** to manage content and customers online. Netscape Publishing System includes integrated document management, user profiling for delivery of **personalized** information, a **customizable** **billing** model, access control, and an integrated credit card processing and **billing** system. It can also **create** HTML pages dynamically based on **user** queries. Flexible **user** registration services allow publishers to tailor log-in **templates** to collect additional **information** about a **customer**. **User** profile **information** is stored in a relational database for use in matching content and advertising. Netscape Commercial Applications are developed by Actra Business Systems, a new venture-funded **company** started by Netscape and GE **Information** Services to develop electronic commerce solutions.

Netscape Communications Corporation is a premier provider of open software for linking **people** and information over enterprise networks and the Internet. The company offers a full line of...

23/3,K/33 (Item 23 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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04797237 Supplier Number: 47058968 (USE FORMAT 7 FOR FULLTEXT)
Netscape and Bellcore team to deliver interactive advertising management system.

Business Wire, p01231475

Jan 23, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 825

... developers and independent software vendors such as Bellcore.

The Netscape Publishing System allows businesses and **organizations** to manage content and customers online. Netscape Publishing System includes

integrated document management, user profiling for delivery of **personalized** information, a **customizable** billing model, access control, and an integrated credit card processing and **billing** system. It can also **create** HTML pages dynamically based on **user** queries. Flexible **user** registration services allow publishers to tailor log-in **templates** to collect additional **information** about a **customer**. **User** profile **information** is stored in a relational database for use in matching content and advertising. Netscape Commercial Applications are developed by Actra Business Systems, a new venture-funded **company** started by Netscape and GE **Information** Services to develop electronic commerce solutions.

Netscape Communications Corporation is a premier provider of open software for linking **people** and information over enterprise networks and the Internet. The company offers a full line of...

23/3,K/34 (Item 24 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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04625609 Supplier Number: 46804387 (USE FORMAT 7 FOR FULLTEXT)

New for Windows 95; Small Businesses Get Customizable Invoicing Solution from MySoftware Co.

Business Wire, p10161078

Oct 16, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 469

... of ODBC technology, or a 1,000-piece clip art library can provide logo options. **Invoices** and estimates can be further **customized** by choosing from the available 30 Bitstream fonts.

Using Easy Custom Invoices' start-up Wizard, **users** can **create** their first **invoice** in five minutes. Professionally-designed **templates** give **users** a jump start while retaining the flexibility of customization.

Powerful Tracking

For the legions of...

23/3,K/35 (Item 25 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

04589497 Supplier Number: 46747438 (USE FORMAT 7 FOR FULLTEXT)

Six top utilities choose FormMaker's document automation technology to solve billing problems; provides flexible solution for creating new bill formats.

Business Wire, p09300281

Sept 30, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 658

... FormMaker's Document Automation Platform (DAP) provides an easy-to-use software tool that enables **companies** to quickly design **customized bill formats** or multiple **bill formats** to satisfy the unique needs of their **customers**.

In the past, a bill redesign required the time-consuming efforts of mainframe COBOL programmers.

"FormMaker's software will allow us to migrate **bill production** from our legacy system to our new **customer information** system," said

Alex Nesturrick, project manager at Orange and Rockland Utilities. "Plus, we'll have the flexibilities to change from our current bill **format** to new **formats** -- even multiple bill **formats** . And, we'll be able to produce duplicate bills at our **customer** service centers."

DAP takes data from a **customer** information system and merges it onto an electronic form image. It permits the use of...

23/3,K/36 (Item 26 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

04569120 Supplier Number: 46716436

MCI services on one big bill.

Network World, p33

Sept 16, 1996

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

ABSTRACT:

MCI Communications Corp. will introduce new phone billing for corporate **users** , at the beginning of 1997. The billing platform, based on MCI's Horizon **client** /server system, will **customize billing formats** and deliver them on a **customer** 's preferred schedule. MCI will be able to **produce** one bill combining its virtual network, long distance, 800 numbers and ISDN services. MCI guarantees bill delivery...

23/3,K/37 (Item 27 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

04312238 Supplier Number: 46320976 (USE FORMAT 7 FOR FULLTEXT)

Simply an e-mail interface, part 2

InfoWorld, p078

April 22, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 3968

... create groups of message recipients for repeated mass mailings. Furthermore, we hoped to find message **templates** or forms, which make it easy to request standard, **field** -based **information** .

Messaging

Given the deluge of **information** that can enter your inbox daily, e-mail software needs to provide convenient, flexible ways...

23/3,K/38 (Item 28 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

04050094 Supplier Number: 45891454 (USE FORMAT 7 FOR FULLTEXT)

Kenan Technologies Unveils Arbor(TM)/BP Version 4.0 For Comprehensive Billing And Customer Care; Market Leading Billing and Customer Care Product Speeds New Operators' Entrance Into Converging Markets.

Business Wire, p10301125

Oct 30, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 923

... minimizes the risks typically associated with implementing or upgrading billing systems."

New Features Enhance Core Billing Product

One new Arbor/BP feature is the **Customizable Bill Format**. Arbor/BP now takes a **customer**-driven approach to invoice formatting. End-user **organizations** are offered a suite of text and **format templates**, including support for multiple languages and currencies, that can be combined in unique ways to...

23/3,K/39 (Item 29 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

03937502 Supplier Number: 45695171 (USE FORMAT 7 FOR FULLTEXT)

RTD Introduces U.T.A. Internet Accounting Software Designed By and For ISPs.

Business Wire, p7310078

July 31, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 774

... criteria. Pro-rated and mid-month invoicing options are also available. The software also allows **users** to **generate invoices** in plain text or PostScript, **customizable** with a company logo or other information. Billing can be set up to accommodate credit card payments or check payment **information**. U.T.A. is also capable of **creating customizable billing** reports in any format.

"Since RTD has been a UNIX consultant and custom software developer...

23/3,K/40 (Item 30 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

03904653 Supplier Number: 45628844 (USE FORMAT 7 FOR FULLTEXT)

Electronic Forms Automate Data Flow

InformationWeek, p80

June 26, 1995

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; General Trade

Word Count: 3007

... key every time a record is added to a database. It's useful for assigning **invoice** or order numbers. To **create** forms that are pleasing to the eye, all packages have rulers and grids so **objects** can be aligned and sized within a form.

Fields can be linked to external database...

23/3,K/41 (Item 31 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

03383900 Supplier Number: 44697510 (USE FORMAT 7 FOR FULLTEXT)

New Back-Office Tech on Exhibit at Show

Multichannel News, v0, n0, p116

May 23, 1994

Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 496

... CSR system with added graphics. Future additions to ACSR will be customized scripting and a **customer** -contact system that will allow operators to better manage service operations.

First **Data** CSG is also enhancing the **billing** statements it **generates** with the use of icons, graphics, shading and boxes. By using the Enhanced Statement Presentation's conditional-logic feature, operators can **customize bills** with marketing messages for specific **customers**.

Company executives said they are evolving products to cope with industry convergence, rather than designing radically...

23/3,K/42 (Item 32 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

03014666 Supplier Number: 44093440

Peachtree expands accounting options on PCs, networks

InfoWorld, p18

Sept 13, 1993

Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:

...Norcross, GA) has introduced the Peachtree Complete Accounting for DOS 7.0 package that allows **users** to enter quotes, orders, and invoices. It also allows them to view **customer** credit **information** and available inventory at the time of sale. Quotes can now be converted into orders and orders into **invoices**. Back orders are automatically **generated** if inventory is not available when the order is posted. The entering orders process prompts the printing of any of 5 **customizable invoice** types, as well as packing slips. **Users** are able to edit transactions during entry in the General Ledger, and in the Payroll...

23/3,K/43 (Item 33 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

02994578 Supplier Number: 44061657 (USE FORMAT 7 FOR FULLTEXT)

Peachtree Complete Accounting 7.0 For PC 08/30/93

Newsbytes, pN/A

August 30, 1993

Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 517

... Cost, Fixed Assets, Custom Reporting, and Order Entry.

The new Order Entry module allows the **user** to enter quotes, orders, and invoices as well as view **customer** credit **information** and check on inventory levels at the time of the sale. Once an order has been entered the program will print one of the five **customizable invoice** types and picking and packing slips. Peachtree says quotes can be converted into orders, and orders converted into **invoices**. Backorders are automatically **generated** if inventory is not available.

The vendor and **customer** information screens have been expanded in

release 7.0 to allow entry of fax numbers...

23/3,K/44 (Item 34 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

01795767 Supplier Number: 42260423 (USE FORMAT 7 FOR FULLTEXT)
CONSTANTLY ADVANCING COMPUTER TECHNOLOGY FOR THE TOOLROOM
Precision Toolmaker, p258
August, 1991
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1545

... benefits that has made Auto-trol's Die Design so popular is its ability to **produce** bill of materials **information** at the push of a button. The **customisation** options automatically carry with them **bill** of materials **information** so that the full bill of materials is automatically modified by the system to **produce** an up-to-date **bill** of materials.

Any **user** would find it useful, for example, to create his own catalogue by drawing standard frequently...

23/3,K/45 (Item 35 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

01313407 Supplier Number: 41542617 (USE FORMAT 7 FOR FULLTEXT)
Bill Ills For Users
CommunicationsWeek, p1
Sept 10, 1990
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 585

... involved in delivering the test bills."

The PBS is a software-based offering that takes **data** from AT&T's standard Tariff 12 **Customer** Billing System (CBS), and lets **users** **customize** the way their **bills** are presented. It is aimed at providing more hierarchical levels, suitable for **users** that bill multiple subsidiaries, locations and departments. Eventually, **users** will get on-line access so they can see the status of their **bills** before they are **generated**.

The problems AT&T is having with the PBS are independent of the problems several Tariff 12 **users** are having with the CBS. Many users have met on different occasions in recent months...

23/3,K/46 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

12368099 SUPPLIER NUMBER: 62927796 (USE FORMAT 7 OR 9 FOR FULL TEXT)
TECH SUPPORT.
Meetings & Conventions, 35, 5, 5
April 15, 2000
ISSN: 0025-8652 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 3319 LINE COUNT: 00316

..... jeannie@aceware.com ..

O Student Manager: Basic registration system with core structure for data input, **format** for user-defined fields of information and extensive reporting system; prepares **invoices**, confirmations, rosters, badges, labels, **personalized** letters, etc.; tracks income and expenses; optional modules.

Acteva

1550 Evans Ave., San Francisco, CA...

23/3,K/47 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

09727081 SUPPLIER NUMBER: 19752289 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Intuit Increases Consumer Choices With 'Quicken Home & Business 98'

PR Newswire, p915LAM040

Sep 15, 1997

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1193 LINE COUNT: 00102

... is flexible, allowing users to customize the invoices to suit their business needs. For example, **users** can add their own logo to the invoice forms as well as manipulate invoice **templates** to include **information** that applies to their specific business and accounts.

All invoices are stored in one location and **users** can easily track their status using a register that lists all client or customer transactions...

23/3,K/48 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

08612024 SUPPLIER NUMBER: 18217088 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Simply an e-mail interface. (comparison of Qualcomm's Eudora Pro 2.0,

CommTouch Software's Pronto Mail 2.01, Frontier Technologies' SuperTCP

Suite 96 and NCD Software's Z-Mail 4.0) (includes related articles on

results and testing methodology) (Software Review) (Evaluation)

Hutton, Bill; Davis, Susan; Smith, Gregory S.

InfoWorld, v18, n17, p78(8)

April 22, 1996

DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 9204 LINE COUNT: 00714

... create groups of message recipients for repeated mass mailings. Furthermore, we hoped to find message **templates** or forms, which make it easy to request standard, **field**-based **information**.

Messaging

Given the deluge of **information** that can enter your inbox daily, e-mail software needs to provide convenient, flexible ways...

23/3,K/49 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

08011355 SUPPLIER NUMBER: 17098580 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Electronic forms automate data flow. (Novell's Novell InForms 4.1,

Lotus' Lotus Forms. Delrina's Delrina FormFlow 1.1 and JetForm's JetForm Designer 4.0 electronic forms software) (includes related article on Microsoft Electronic Forms Designer) (Software Review) (Evaluation)

Feibus, Andy

InformationWeek, n533, p80(7)

June 26, 1995

DOCUMENT TYPE: Evaluation ISSN: 8750-6874 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3572 LINE COUNT: 00277

... key every time a record is added to a database. It's useful for assigning **invoice** or order numbers. To **create** forms that are pleasing to the eye, all packages have rulers and grids so **objects** can be aligned and sized within a form.

Fields can be linked to external database...

23/3,K/50 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

07994682 SUPPLIER NUMBER: 17244326 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Top security details, low price highlight query and report tool. (Cognos

Corp Impromptu 3.0) (Software Review) (Evaluation)

Mitchell, Lori

PC Week, v12, n27, p65(2)

July 10, 1995

DOCUMENT TYPE: Evaluation ISSN: 0740-1604 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1567 LINE COUNT: 00138

... labels, and product activity. To create a report, we selected Impromptu's margin-by-product **template**, which creates a list report containing a text and picture frame. We then selected our data from the desired table and dragged and dropped the **data** into the appropriate **fields**.

To create a basic query from scratch, we used the HeadStart **template**. We selected tables and associated their columns with the appropriate placeholders in the **template** by double clicking on the columns, which then appeared in the Query Data box. From...

23/3,K/51 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

07650076 SUPPLIER NUMBER: 16016459 (USE FORMAT 7 OR 9 FOR FULL TEXT)

PeopleSoft Delivers New Client/Server Applications for Enterprise Business

Operations; Announces PeopleSoft Financials 3 and New Product Lines for

Distribution Management and Public Sector.

Business Wire, p01100192

Jan 10, 1995

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1731 LINE COUNT: 00165

... care, education, mining and engineering industries.

-- PeopleSoft Billing: Offers a flexible, modular approach for managing **billing** and adjustments, processing taxes, **generating invoices**, and **creating** account distributions. **Organizations** can **create** an enterprise-wide **billing information** repository, streamline

the **billing** process, and customize **billing** requirements. The unique modular approach opens PeopleSoft Billing, allowing the billing process to be driven...

23/3,K/52 (Item 7 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

07547139 SUPPLIER NUMBER: 16291144 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Electronic billing: AT&T selects Kenan Technologies' Arbor/BP billing platform to support PersonaLink Services.

EDGE, on & about AT&T, v9, n323, p2(1)

Oct 3, 1994

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 975 LINE COUNT: 00083

TEXT:

Kenan Technologies, the product division of Kenan Systems Corporation and a leading supplier of next- **generation billing** and business support systems for the telecommunications and **information** services industries, Monday announced that AT&T will use the **company** 's Arbor/BP software platform as the core **billing** system for its **PersonaLink** Services.

23/3,K/53 (Item 8 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

07313833 SUPPLIER NUMBER: 15696487 (USE FORMAT 7 OR 9 FOR FULL TEXT)
New back-office tech on exhibit at show. (1994 National Cable show)

Haugsted, Linda

Multichannel News, v15, n21, p116(1)

May 23, 1994

ISSN: 0276-8593 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 523 LINE COUNT: 00042

... CSR system with added graphics. Future additions to ACSR will be customized scripting and a **customer** -contact system that will allow operators to better manage service operations.

First Data CSG is also enhancing the **billing** statements it **generates** with the use of icons, graphics, shading and boxes. By using the Enhanced Statement Presentation's conditional-logic feature, operators can **customize bills** with marketing messages for specific **customers**.

Company executives said they are evolving products to cope with industry convergence, rather than designing radically...

23/3,K/54 (Item 9 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

06415888 SUPPLIER NUMBER: 13640529 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Microsoft moves into low-end accounting. (Microsoft Profit for

Windows) (Brief Article) (Product Announcement)

Steffora, Anne; Haney, Clare

PC User, n205, p20(1)

Feb 24, 1993

DOCUMENT TYPE: Product Announcement

ISSN: 0263-5720

LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 313 LINE COUNT: 00024

... is significantly different from others on the market. Profit includes Microsoft Wizard templates, which guide **users** through **creating** chequeing accounts, **bills** and mail labels. **Data** is entered into forms resembling paper cheques and **invoices**.

The program also includes 30 **customisable** reports, project cost tracking, automatic task alerts and several graph types. These will have payroll...

23/3,K/55 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05738206 SUPPLIER NUMBER: 12332449

Footing the bill: new delivery options, consolidated billing and reporting, other innovations make combing through bills easier for net managers.

Briere, Daniel; Finn, Chris
Network World, v9, n21, p32(3)
May 25, 1992

ISSN: 0887-7661 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: Some of these alternatives include CD-ROM, electronic mail and microcomputer-based software that allows **customers** to access call detail information and **create** customized reports. **Billing** systems are being used that consolidate bills for several services on a single invoice and provide **customers** with detailed **information** about their calls. Telephone **companies** are also responding to **customer** requests for **customized billing**, so that telecommunications managers can create graphically enhanced reports for their different groups. AT&T and Sprint Corp **customers** say that billing has improved, while MCI Communications Corp customers say that they have always...

23/3,K/56 (Item 11 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05493765 SUPPLIER NUMBER: 11451776 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Ada specialist Rational blooms with object-oriented software. (Rational Rose analysis and design software for object-oriented applications programming) (Product Announcement)

Schwartz, Karen D.
Government Computer News, v10, n22, p73(1)
Oct 28, 1991

DOCUMENT TYPE: Product Announcement ISSN: 0738-4300 LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 354 LINE COUNT: 00029

... product lives up to its billing, Levine said, it could be used in the Advanced **Field Artillery Tactical Data** System, a large **object**-oriented Ada program..

Available in February, Rational Rose starts at \$3,995. An added-value
...

23/3,K/57 (Item 12 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

04591364 SUPPLIER NUMBER: 09048701 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Time and billing software grows up.

Leonard, Deborah K.

National Public Accountant, v35, n5, p22(4)

May, 1990

ISSN: 0027-9978

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 3035 LINE COUNT: 00240

... information could be reviewed by the billing manager or partner.

Although most early time and **billing** software printed computer-generated **invoices**, they offered only a few fixed **formats** from which to choose. Accountants soon desired the flexibility to **customize invoices** for specific **clients**. Many firms eventually found themselves preparing the invoices manually and entering the amounts in the...

23/3,K/58 (Item 1 from file: 160)

DIALOG(R) File 160:Gale Group PROMT(R)

(c) 1999 The Gale Group. All rts. reserv.

01495806

NORTH EDGE SOFTWARE ANNOUNCES TIME-LINK: PLUS.

NEWS RELEASE July 9, 1986 p. 1

... system complete with report and graphics generators. Generally used by service professionals, Timeslips tracks 240 **users**, activities or **clients** simultaneously and maintains 32,000 **individual** time and expense record per directory. **Users** can **create** thousands of professional **billing formats**, including nine-options for flat-fees, automatic aging of receivables, work in process, project support, trust and account maintenance and **customized billing**. One-Write Plus is based on the filier "one-write" method of accounting. The integrated...

23/3,K/59 (Item 1 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

02143243 SUPPLIER NUMBER: 20323620

Latest Quicken gets down to business. (Intuit's Quicken Home & Business 98 personal finance software) (Software Review) (Evaluation)

Patz, Joel T.

Windows Magazine, v9, n3, p133(2)

March, 1998

DOCUMENT TYPE: Evaluation

ISSN: 1060-1066

LANGUAGE: English

RECORD TYPE: Abstract

...ABSTRACT: business features as invoicing, receivables and sales-tax tracking, and Schedule C tax reports. The **invoice generator** meets the basic needs of small businesses and allows **invoices** to be **customized** to an extent. Payments are applied to the earliest invoice first automatically, as in the **company**'s QuickBooks, but **users** can also specify which invoices are paid. Reimbursable expenses can be tracked, but with some difficulty because the memo **field** has to be used to enter the **customer** or project name. Among the program's other features are electronic bill payment, 401(k)...

23/3,K/60 (Item 2 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)
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01985393 SUPPLIER NUMBER: 18709437 (USE FORMAT 7 OR 9 FOR FULL TEXT)
For whom the bill tolls. (Timeslips Deluxe 7.0) (Software Review) (Brief Article) (Evaluation)
Gilliland, Steve
Computer Shopper, v16, n10, p393(1)
Oct, 1996
DOCUMENT TYPE: Brief Article Evaluation ISSN: 0886-0556
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 969 LINE COUNT: 00083

... are also provisions for individualized tax rates, and service and interest charges as well as **customizable billing formats**. At **billing** time, Timeslips provides a completely editable "prebilling" report for each client, where you can change...

23/3,K/61 (Item 3 from file: 275)
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01811285 SUPPLIER NUMBER: 17305768 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Setting up a small-office invoicing system. (PC Tech: Extending Your Apps) (Tutorial) (Column)
Stone, M. David
PC Magazine, v14, n14, p329(4)
August, 1995
DOCUMENT TYPE: Tutorial Column ISSN: 0888-8507 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3418 LINE COUNT: 00255

...ABSTRACT: way to determine if the model is working properly is to enter real or test **data** in **fields**. Entries should automatically **format** as currency and should carry over from the Amount column to the Outstanding column as needed. **Creating** a new **invoice** involves entering the date, customer name and project name in each appropriate worksheet in the...

23/3,K/62 (Item 4 from file: 275)
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01704819 SUPPLIER NUMBER: 16276792 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Anvil-1000MD. (Interactive Design Consultants) (Software Review) (one of 13 evaluations of 15 CAD packages in "CAD's New Face") (Evaluation)
Schleter, Will
PC Magazine, v13, n18, p223(3)
Oct 25, 1994
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 865 LINE COUNT: 00071

... with double lines, so creating the walls in our floor plan was quite involved. For **bill -of-materials creation**, Anvil-1000MD supports part number and description attributes attached to a group of **objects**; there are also four user-specified **fields**.

Anvil-1000MD works well when it comes to sharing **information**. It includes a reference drawing capability that allows you to use data from

other drawings...

23/3,K/63 (Item 5 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01699914 SUPPLIER NUMBER: 16236422 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Book balancing made better; Peachtree Accounting 3.0 for Windows.

(Evaluation of Peachtree Software's integrated accounting software)

(Software Review) (New! Software) (Brief Article)

Hogan, Mike

PC-Computing, v7, n10, p88(1)

Oct, 1994

DOCUMENT TYPE: Brief Article

ISSN: 0899-1847

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 553 LINE COUNT: 00045

... cards, bank checks, invoices, and purchase orders. You'll also find niceties such as custom **fields** and myriad **invoice templates** for **products** and services.

A Smart **Data** Entry function fills in **fields** for a given record after you enter a few keystrokes in the first field. And...

23/3,K/64 (Item 6 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01667620 SUPPLIER NUMBER: 15020506 (USE FORMAT 7 OR 9 FOR FULL TEXT)

How to: power picklists. (programming data-entry fields in applications in

dBase application development environment) (dBase Professional) (Column)

(Tutorial)

Gutierrez, Dan D.

Data Based Advisor, v12, n1, p153(3)

Jan, 1994

DOCUMENT TYPE: Tutorial

ISSN: 0740-5200

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1540 LINE COUNT: 00118

... the customer based on name, not code, but when selected, the customer code is the **data** item placed in the **field** on the screen. Another need is for a picklist to precede the processing of another application **object**. For example, if the user selects a "Print Invoice" option, a picklist should immediately appear enabling the user to select the customwr for which the **invoice** should be **generated**.

dBASE IV's PROMPT FIELD construct provides for these mechanisms: however, it has several limitations...

23/3,K/65 (Item 7 from file: 275)

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01633599 SUPPLIER NUMBER: 14198388 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Power made easy: mainstream Windows databases. (evaluation of Ace

Software's AceFile 2.0, Approach Software's Approach 2.0 for Windows,

DataEase International's DataEase Express for Windows 1.1, Timeworks'

Data Manager for Windows and Claris' FileMaker Pro 2.0 for Windows

databases) (includes related articles on development tools and business

databases) (Software Review) (Evaluation)

Rose, Philip F.H.

Computer Shopper, v13, n9, p488(8)

Sept, 1993

DOCUMENT TYPE: Evaluation

ISSN: 0886-0556

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 4690 LINE COUNT: 00370

... databases, but for personal use, it means quick access without advance planning.

Unlike AceFile and Data Manager, FileMaker lets you add or change field definitions at any time. The package comes with six database templates that are actually ready-to-go applications for contacts, expenses, invoices, lead tracking, products, and projects. Claris also offers a slew of support functions, ranging from weekday phone support...

23/3,K/66 (Item 8 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01461516 SUPPLIER NUMBER: 11480894 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Form Publisher with Fill & File. (from Form Worx Corp.) (Software Review)

(one of five evaluations of electronic forms software packages in 'Form and content: 5 electronic forms packages') (evaluation)

Betts, Kellyn

PC Magazine, v10, n19, p400(3)

Nov 12, 1991

DOCUMENT TYPE: evaluation

ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1268 LINE COUNT: 00094

... fame is its incorporation of complex design tools for creating common form items as editable objects. Form Publisher has an icon expressly for creating address boxes, another to create invoice boxes complete with totals at the bottom, still another to make check boxes automatically, and...

23/3,K/67 (Item 9 from file: 275)

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01348636 SUPPLIER NUMBER: 08129532 (USE FORMAT 7 OR 9 FOR FULL TEXT)

FormBase combines forms and database. (Xerox Corp.'s FormBase program)

(Software Review) (evaluation)

Bryan, Marvin

Personal Computing, v14, n2, p160(1)

Feb, 1990

DOCUMENT TYPE: evaluation

ISSN: 0192-5490

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 861 LINE COUNT: 00067

... fields, and variables. Object orientation is inherently portable and flexible because the information in an object can be moved about the program and to other Windows programs as an entity.

When you create a form in FormBase--such as an invoice --you're also transparently creating a database. Each subsequent form you create can provide another view of the database. You...

23/3,K/68 (Item 10 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01176213 SUPPLIER NUMBER: 00662645 (USE FORMAT 7 OR 9 FOR FULL TEXT)

CAD Software.

Hart, Glenn

PC Magazine, v5, n5, p126-130

March 11, 1986

DOCUMENT TYPE: evaluation ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3929 LINE COUNT: 00302

... a block or other entity. Sometimes called "tags" in other systems, attributes are user-defined **fields** storing **information** about the **object**. A long series of **fields** can be defined, any of which can be displayed with the **object** or stored invisibly. When you select the **object** for display, you are prompted to enter the **data** for each **field**. The stored **information** can be extracted into **data** files of several forms. You can use external high-level languages like BASIC, Pascal, and...

23/3,K/69 (Item 11 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01168878 SUPPLIER NUMBER: 00667294

Power performance: nine programmable mail-mergers. (software review)

Pearlman, Dara; Burns, Diane; Venit, S.

PC Magazine, v5, n8, p165-166

April 29, 1986

DOCUMENT TYPE: evaluation ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: in the following articles, these features were sought and evaluated: help with data entry, data **formats**, translation utilities, leading or trailing blank space omission, sorting, gap closing with missing **fields**, keyboard input, print-to-screen options, spooling, system **data**, number **formats**, three-up or three-across labels, AND-OR operators, boilerplate merging inside paragraphs, ASCII file...

23/3,K/70 (Item 1 from file: 621)

DIALOG(R)File 621:Gale Group New Prod. Annou. (R)

(c) 2005 The Gale Group. All rts. reserv.

01629407 Supplier Number: 48388856 (USE FORMAT 7 FOR FULLTEXT)

EnergyOne Teams With Output Technologies to Produce Customized, Flexible Customer Billing.

Business Wire, pN/A

March 31, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 451

... Technologies to the previously announced alliance with Burlington, Mass.-based Saville Systems completes EnergyOne's **billing** infrastructure. Saville will **produce** convergent **billing** **data**

for the various **products** and services, and Output Technologies will print the **customized bills** and distribute them to **customers**.

With the completion of the most recent alliance, EnergyOne **customers** will be billed:

o When they want -- once or several times a month. o How...

23/3,K/71 (Item 2 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2005 The Gale Group. All rts. reserv.

01095235 Supplier Number: 40635138 (USE FORMAT 7 FOR FULLTEXT)
**EEPD+ VERSION 2.1 RELEASED BY VIA DEVELOPMENT CORPORATION FREE TO ALL
REGISTERED USERS OF EEPD+ 2.**
News Release, pN/A
Jan 3, 1989
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 565

... line help screens.

Automatically draws in wire ducts and maintains running total of linear feet.

BILL OF MATERIAL CUSTOMIZATION (BOM)

Menu - driven for ease of use and speed of design.

Bill of Material is automatically **generated** from existing EEPD+ print.

Bill of Material **fields** are customizable.

Bill of Material output is an ASCII text file for **user** flexibility that can be imported or exported from database products.

EEPD+ USERS REPORT UP TO...

23/3,K/72 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

04525900 Supplier Number: 58494460 (USE FORMAT 7 FOR FULLTEXT)
MACRO 4: A partnership worth its weight in ink.
M2 Presswire, pNA
Nov 3, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 532

... business-critical documents.

StreamServe, Inc. is a rapidly growing provider of intelligent output management and **customer** communications solutions. It offers **users** the chance to produce **customised** reports, such as **invoices**, purchase orders, **customer bills** and statements **generated** by ERP and other business applications. Macro 4's solutions then carry this **information**

through to its final destination, which could be any medium: printers, fax servers, e-mail...

23/3,K/73 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

04504476 Supplier Number: 58122481 (USE FORMAT 7 FOR FULLTEXT)

NETSCOUT SYSTEMS: Joint effort by Visio Corp. and Ne NetScout Systems improves network documentation tool.

M2 Presswire, pNA

Dec 9, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 986

... our existing network today, as well as what is needed in the future."

Each VNE **library** SmartShape gives customers access to more than 30 **data fields** for detailed **information** on each **data** source, such as network location, asset information,

23/3,K/74 (Item 3 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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04133104 Supplier Number: 54253957 (USE FORMAT 7 FOR FULLTEXT)

CONVERGYS: Convergys Corporation integrates convergent biller into solution set.

M2 Presswire, pNA

March 30, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 720

... easy-to-use graphical user interface. In addition, the new convergent functionality will support complex **customer** contract terms (i.e. pricing plans) with just a few keystrokes and enable the creation of many **customized bill** and report **formats** through the use of **objects**, all without programming.

Convergys will enable **clients** to apply these new convergent features to existing **billing** systems by **producing** consolidated **bills** from multiple sources, customizing the output of other systems into a single web-enabled, convergent...

23/3,K/75 (Item 4 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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04040034 Supplier Number: 53398831 (USE FORMAT 7 FOR FULLTEXT)

NETSCAPE: Netscape unveils next generation applications for commerce exchange.

M2 Presswire, pNA

Dec 10, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1158

... documents and their status. Trading partners also can administer their own personalized profile.

* Pre-packaged **templates** for standard EDI transactions and forms, including purchase orders, purchase order acknowledgements and invoices. In addition, an intelligent turn-around feature simplifies the process of **creating** an **invoice** based on a purchase order by automatically "turning around" information from document-specified fields.

* Scalability...

23/3,K/76 (Item 5 from file: 636)

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

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03577203 Supplier Number: 47404629 (USE FORMAT 7 FOR FULLTEXT)

BELLSOUTH USES AMS MARKETING SOLUTIONS

Telecommunications Alert, v14, n101, pN/A

May 22, 1997

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 93

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

American Management Systems, Inc. (AMS) delivered its **customized** product packaging and **customer billing** relationships systems to BellSouth. Financial terms were not disclosed. AMS says the product packaging system allows BellSouth to define, price, negotiate, **bill** and track **product** and service packages. The **customer** billing relationships system allows BellSouth to manage relationships across its operating units and to offer rewards to **customers** based on this overall relationship, rather than by **individual** accounts. AMS is a business and **information** technology consulting firm based in Fairfax, Virginia. -- Dow Jones, May 21

23/3,K/77 (Item 6 from file: 636)

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

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03435391 Supplier Number: 47077371 (USE FORMAT 7 FOR FULLTEXT)

NETGRAVITY: NetGravity and Netscape team to provide leading web advertising and publishing solution

M2 Presswire, pN/A

Jan 30, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 641

... developers and independent software vendors such as NetGravity.

The Netscape Publishing System allows businesses and **organizations** to manage content and customers online. Netscape Publishing System includes integrated document management, user profiling for delivery of **personalized** information, a **customizable** **billing** model, access control, and an integrated credit card processing and **billing** system.

It can also **create** HTML pages dynamically based on **user** queries. Flexible **user** registration services allow publishers to tailor log-in **templates** to collect additional **information** about a **customer**. **User** profile **information** is stored in a relational database for use in matching content and advertising.

About Netscape...

23/3,K/78 (Item 7 from file: 636)

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03428362 Supplier Number: 47061683 (USE FORMAT 7 FOR FULLTEXT)

NETSCAPE/BELLCORE: Netscape and Bellcore team to deliver interactive advertising management system

M2 Presswire, pN/A

Jan 24, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 858

... developers and independent software vendors such as Bellcore.

The Netscape Publishing System allows businesses and **organizations** to manage content and customers online. Netscape Publishing System includes integrated document management, user profiling for delivery of **personalized** information, a **customizable** **billing** model, access control, and an integrated credit card processing and **billing** system. It can also **create** HTML pages dynamically based on **user** queries. Flexible **user** registration services allow publishers to tailor log-in **templates** to collect additional **information** about a **customer**. **User** profile **information** is stored in a relational database for use in matching content and advertising.

Netscape Commercial...

23/3,K/79 (Item 8 from file: 636)

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

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02807323 Supplier Number: 45695337 (USE FORMAT 7 FOR FULLTEXT)

RTD SYSTEMS & NETWORKING, INC: RTD INTRODUCES NEW INTERNET ACCOUNTING

SOFTWARE DESIGNED BY AND FOR ISPS

M2 Presswire, pN/A

July 31, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 823

... criteria. Pro-rated and mid-month invoicing options are also available. The software also allows **users** to **generate** **invoices** in plain text or PostScript, **customizable** with a company logo or other information. Billing can be set up to accommodate credit card payments or check payment **information**. U.T.A. is also capable of **creating** **customizable** **billing** reports in any format.

"Since RTD has been a UNIX consultant and custom software developer...

23/3,K/80 (Item 9 from file: 636)

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

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02726657 Supplier Number: 45531443 (USE FORMAT 7 FOR FULLTEXT)

NEW NETWORK MANAGEMENT SOLUTIONS ADDRESS ATM DEPLOYMENT

M2 Presswire, pN/A

May 9, 1995

Language: English- Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1147

... are:

StrataSphere BILLder A management application that monitors traffic flow over the network within a **user** -defined billing period and **formats** captured **data** into a standard Bellcore Automatic Message Accounting (AMA) or **customized billing** records. The StrataSphere BILLder has the capability to **generate billing** records for frame relay and ATM connection endpoints.

StrataSphere Connection Manager A management application with...

23/3,K/81 (Item 10 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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02233114 Supplier Number: 44258659 (USE FORMAT 7 FOR FULLTEXT)

Tracking Time with Windows

Law Office Technology Review, v3, n11-5, pN/A
Nov 29, 1993

Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1467

... but the entire procedure was more complicated than it should be.

We were able to **produce** readable bills, including a clean looking automatically generated letterhead, but BTHR has no facility for permitting the **user** to **customize** his own **billing** . (Several different **templates** are available.) As BTHR uses dBase compatible files, it should be possible to find some other program to **generate** acceptable **bills** , but we think that BTHR, itself, should have the facility.

BTHR has no separate timer...

23/3,K/82 (Item 11 from file: 636)

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02154974 Supplier Number: 44036751 (USE FORMAT 7 FOR FULLTEXT)

UB 92 implementation may be delayed

National Report on Computers & Health, v14, n17, pN/A
August 16, 1993

Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 824

... the UB 92. For providers in those states, HIS vendors "may not be able to **produce** (**bills** in the UB 92 **format**) because of the delay" by those states, he says.

Rohde notes that providers near borders...

23/3,K/83 (Item 12 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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01806578 Supplier Number: 43047544 (USE FORMAT 7 FOR FULLTEXT)

LOTUSWORKS 3.0 FOR DOS: NOW SHIPPING

EDGE: Work-Group Computing Report, v3, n106, pN/A
June 1, 1992
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 896

... dBASE functions, and dBASE III Plus compatibility. LotusWorks 3.0's database features a relational **format**, which enables links between applications, and the ability to look up **data** in other databases and automatically fill in **fields**. The database also features automatic prevention of duplicate entries and can delete duplicate records. In...
?

Set	Items	Description
S1	1516	AU=(WRIGHT C? OR WRIGHT, C?)
S2	184675	BILLS OR BILL OR BILLING OR BILLED OR INVOIC?
S3	82327	PERSONALI? OR CUSTOMI? OR PARTICULARI?
S4	536888	TEMPLATE? ? OR OBJECT? ? OR FORMAT? ? OR LIBRARY
S5	1545613	PREFILL? OR PRE()FILL??? OR FIELD? ?
S6	3387136	CUSTOMER? OR CLIENT? OR USER? OR PEOPLE OR PERSON? ? OR CO-MPANY OR PARTICIPANT? OR COMPANIES? OR INDIVIDUAL? OR ORGANIZATION? ?
S7	3442544	DATA OR INFORMATION OR INFO
S8	4005891	GENERAT? OR PRODUC? OR CREAT?
S9	3942	S2(4N) (S8 OR S3)
S10	8	S9 AND S4 AND S5
S11	1443	S9 AND S6
S12	78	S11(15N)S4
S13	40	S12(20N)S7
S14	47	S10 OR S13
S15	45	S14 NOT PY>2000
S16	22	RD (unique items)
File	2:INSPEC	1969-2005/Jun W4 (c) 2005 Institution of Electrical Engineers
File	35:Dissertation Abs Online	1861-2005/Jun (c) 2005 ProQuest Info&Learning
File	65:Inside Conferences	1993-2005/Jul W1 (c) 2005 BLDSC all rts. reserv.
File	99:Wilson Appl. Sci & Tech Abs	1983-2005/May (c) 2005 The HW Wilson Co.
File	474:New York Times Abs	1969-2005/Jul 01 (c) 2005 The New York Times
File	475:Wall Street Journal Abs	1973-2005/Jul 01 (c) 2005 The New York Times
File	583:Gale Group Globalbase(TM)	1986-2002/Dec 13 (c) 2002 The Gale Group
File	256:TecInfoSource	82-2005/May (c) 2005 Info.Sources Inc

15/5/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

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6827806 INSPEC Abstract Number: B2001-03-8110B-022, C2001-03-7165-006

Title: An energy billing management system based on the three-tier client/server model

Author(s): Tong Xiaoyang; Wu Guangning

Author Affiliation: Southwest Jiaotong Univ., Sichuan, China

Journal: Automation of Electric Power Systems vol.24, no.19 p.58-60

Publisher: Automation of Electric Power Systems Press,

Publication Date: 10 Oct. 2000 Country of Publication: China

CODEN: DXZIE9 ISSN: 1000-1026

SICI: 1000-1026(20001010)24:19L:58:EBMS;1-L

Material Identity Number: C804-2000-020

Language: Chinese Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: In the developed energy billing management system, the energy data are transferred from power plants to control center by a common data communication network. The work of billing, querying, generating reports and data analysis and so on are all done in the control center. The energy **information** is released on the Internet with Web mode. Then the paper introduces the **object**, structure, working principle and functions of the system. The merits and principle of three-tier **client** /server (C/S) application is analyzed. The method to realize the three-tier C/S structure with Delphi is given at last. (4 Refs)

Subfile: B C

Descriptors: client-server systems; data communication; electricity supply industry; energy management systems; Internet; invoicing; management information systems

Identifiers: three-tier client/server model; energy billing management system; energy data; power plants; control center; data communication network; querying; report generation; data analysis; Internet; Web mode; Delphi; working principle

Class Codes: B8110B (Power system management, operation and economics); B6210L (Computer communications); C7165 (Public utility administration); C5620W (Other computer networks)

Copyright 2001, IEE

15/5/2 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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6400106 INSPEC Abstract Number: C1999-12-7210N-039

Title: Show me the statement [Internet application]

Author(s): Grigsby, M.

Journal: Inform vol.13, no.2 p.20-1

Publisher: Assoc. Inf. & Image Manag. Int,

Publication Date: Feb. 1999 Country of Publication: USA

CODEN: INFREN ISSN: 0892-3876

SICI: 0892-3876(199902)13:2L:20:SSIA;1-X

Material Identity Number: K884-1999-003

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Superior customer service is essential for today's companies to differentiate themselves. One way to improve service is to allow customers to view their documents over the Internet. What are the Internet delivery issues for intelligent print stream documents? Computer-generated outbound customer documents (invoices, statements, etc.) are created today using high performance intelligent print streams. The two predominant print

streams are IBM Advanced Function Presentation (AFP) and Xerox (DJDE/Metacode). The Internet has created a new awareness for the need to make these customer documents available in an intranet and an extranet customer self-service environment. However, corporate billers and statement providers have a dilemma: the legacy system intelligent print stream output and the Internet are basically incompatible. There are a number of key issues that must be addressed to allow customer access to these documents over the Internet: extranet access (or delivery if an e-bill application) to the bill/statement in a format that is both fast and easy to use; seamless and simultaneous access to both the new electronic bill/statement and the existing legacy **formats** for **customer** service; report (**data**) mining of the **bill** or statement **data** to **generate** targeted marketing **information** . The report or customer document is a cleansed **data** warehouse that can be used as a document database by report mining software. (0 Refs)

Subfile: C

Descriptors: data mining; document delivery; information retrieval; Internet; printing

Identifiers: Internet application; customer service; Internet delivery issues; intelligent print stream documents; computer-generated outbound customer documents; IBM Advanced Function Presentation; Xerox; DJDE/Metacode; intranet; extranet customer self-service environment; corporate billers; statement providers; legacy system intelligent print stream output; customer access; extranet access; e-bill application; electronic bill/statement; legacy formats; data mining; statement data; targeted marketing information; customer document; cleansed data warehouse; document database; report mining software

Class Codes: C7210N (Information networks); C7220 (Generation, dissemination, and use of information); C7250R (Information retrieval techniques); C6160 (Database management systems (DBMS))

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15/5/3 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

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6229868 INSPEC Abstract Number: C1999-06-7480-011

Title: A DSS approach to developing systems to support production planning and control in smaller companies

Author(s): Halsall, D.N.; Price, D.H.R.

Author Affiliation: Manage. Centre, Bradford Univ., UK

Journal: International Journal of Production Research vol.37, no.7
p.1645-60

Publisher: Taylor & Francis,

Publication Date: 10 May 1999 Country of Publication: UK

CODEN: IJPRB8 ISSN: 0020-7543

SICI: 0020-7543(19990510)37:7L.1645:ADSS;1-V

Material Identity Number: I286-1999-007

U.S. Copyright Clearance Center Code: 0020-7543/99/\$12.00

Language: English Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: Smaller manufacturing enterprises (SME) would benefit from manufacturing decision support systems (DSS) in which the links between customer orders and manufacturing operations were maintained throughout the production planning process. However, systems with this characteristic are not available at prices that most SMEs can afford. This paper describes how a prototype DSS with this feature was developed and validated using data from a manufacturer of fencing materials. A hybrid relational database/object-oriented approach to modelling the manufacturing process is outlined. Static and slowly changing **data** about the manufacturing system

were stored on a relational database, while more dynamic production planning **information** was built into an **object** model. The system made use of a **'bill of production'** for each manufactured item that contained both materials and operation **information**, and was constructed at the time it was required from information held on the database. (24 Refs)

Subfile: C

Descriptors: computer aided production planning; decision support systems; object-oriented methods; relational databases

Identifiers: DSS; production control; SME; manufacturing decision support systems; customer orders; manufacturing operations; fencing materials; hybrid relational database/object-oriented approach; manufacturing system; dynamic production planning information

Class Codes: C7480 (Production engineering computing); C7102 (Decision support systems); C6160D (Relational databases); C6110J (Object-oriented programming); C6110F (Formal methods)

Copyright 1999, IEE

15/5/4 (Item 4 from file: 2)

DIALOG(R) File 2:INSPEC

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5989884 INSPEC Abstract Number: C9809-7440-067

Title: An object-oriented configuration design method for paper feeding mechanisms

Author(s): Do Yun Koo; Soon-Hung Han; Soo-Hong Lee

Author Affiliation: Dept. of Autom. & Design Eng., Korea Adv. Inst. of Sci. & Technol., Seoul, South Korea

Journal: Expert Systems with Applications vol.14, no.3 p.283-9

Publisher: Elsevier,

Publication Date: April 1998 Country of Publication: UK

CODEN: ESAPEH ISSN: 0957-4174

SICI: 0957-4174(199804)14:3L:283:OCD;1-H

Material Identity Number: N813-98004

U.S. Copyright Clearance Center Code: 0957-4174/98/\$19.00

Document Number: S0957-4174(97)00081-X

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: As printing machines attain higher operating speeds, paper feeding mechanisms are more prone to problems such as vibration, noise, and paper jams. To design reliable paper feeding mechanisms, designers first use heuristic knowledge to decide the basic specifications of the printer according to the user's requirements. In the preliminary design stage, the design process is represented hierarchically and the characteristics of each part are determined. Conceptually, the process is analogous to the methodology used in configuration design. In this research, the design process has been analyzed systematically by the OMT (object modeling technique) method, which integrates the object, functional, and dynamic models. The physical parts of the paper feeding mechanism are represented as objects, and the design knowledge and design constraints are represented by rules and methods. A commercial expert system shell, Nexpert **Object**, is adapted for the implementation. The inferred results are converted to **create** the BOM (**bill of materials**) **data** and are saved in a database for the detailed design and production stage. (19 Refs)

Subfile: C

Descriptors: expert system shells; intelligent design assistants; mechanical engineering computing; object-oriented methods; object-oriented programming; paper; printers

Identifiers: object-oriented configuration design method; paper feeding mechanisms; printing machines; vibration; noise; paper jams; heuristic knowledge; printer specifications; user requirements; object modeling

technique; dynamic models; functional models; object models; physical parts
; design knowledge; design constraints; expert system shell; Nexpert Object
; bill of materials data; database; production stage; design stage

Class Codes: C7440 (Civil and mechanical engineering computing); C6110J
(Object-oriented programming); C6110F (Formal methods); C6170T (Knowledge
engineering tools); C5550 (Printers, plotters and other hard-copy output
devices)

Copyright 1998, IEE

15/5/5 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

5668085 INSPEC Abstract Number: C9710-1290F-006

Title: Managing product variability by virtual products

Author(s): Olsen, K.A.; Saetre, P.

Author Affiliation: Dept. of Inf., Molde Coll. & Res. Centre, Norway

Journal: International Journal of Production Research vol.35, no.8
p.2093-107

Publisher: Taylor & Francis,

Publication Date: Aug. 1997 Country of Publication: UK

CODEN: IJPRB8 ISSN: 0020-7543

SICI: 0020-7543(199708)35:8L:2093:MPVV;1-V

Material Identity Number: I286-97008

U.S. Copyright Clearance Center Code: 0020-7543/97/\$12.00

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: A new paradigm for customer-oriented production is presented. A complete specification of a product variant is described as a virtual **product**, and a bill of material is represented as a **data object**. This **object** may be used as a basis for production management. A tool for creating, modifying and processing virtual products is presented, based on a generic product structure. This tool may act as a means to facilitate handling of individual customer-specified products in a serial-oriented production environment. (13 Refs)

Subfile: C

Descriptors: computer aided production planning; management; operations research; production control

Identifiers: product variability; virtual products; customer-oriented production; data object; production management

Class Codes: C1290F (Systems theory applications in industry); C7160 (Manufacturing and industrial administration)

Copyright 1997, IEE

15/5/6 (Item 6 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

4760174 INSPEC Abstract Number: C9410-6130B-048

Title: PostScript and M team up for graphical use

Author(s): Bowman, C.

Author Affiliation: Dept. of Veterans Affairs Quality Manage. Inst., Durham Univ., UK

Journal: M Computing vol.2, no.2 p.25-8

Publication Date: April 1994 Country of Publication: USA

CODEN: MCPUEF ISSN: 1060-7684

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Integrating M with the PostScript programming language is an

effective way to generate printed output merging data, text, graphic images and sampled images. The technique is simple and the results are powerful. By embedding PostScript code into M code, M data can be merged with or represented as graphics objects. Potential applications include generating invoices with customer information, mailing labels, calendars, certificates, diplomas, preprinted checks, text merged with images, and a variety of other graphically based output. Integrating PostScript code with M data reduces or eliminates the need for preprinted forms, invoices, labels, and logos. By representing M data as graphics objects, printed output which includes text as well as eye-catching graphics can easily and efficiently be generated. (8 Refs)

Subfile: C

Descriptors: business graphics; high level languages; merging; page description languages; printing

Identifiers: PostScript programming language; M language; printed output; M data; text; graphic images; sampled images; graphics objects; invoices; customer information; mailing labels; calendars; certificates; diplomas; preprinted checks; merging; graphically based output

Class Codes: C6130B (Graphics techniques); C6140D (High level languages); C7100 (Business and administration); C6130D (Document processing techniques)

15/5/7 (Item 7 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

04281709 INSPEC Abstract Number: C9212-7400-027

Title: CAD drawing management in a networked environment

Author(s): van der Roest, M.M.

Author Affiliation: The van der Roest Group Inc., Santa Ana, CA, USA

Conference Title: CAD and Engineering Workstations '92 and Business Graphics '92 Conference and Exposition. Conference Proceedings p.16-21

Publisher: Nat. Comput. Graphics Assoc, Fairfax, VA, USA

Publication Date: 1992 Country of Publication: USA iv+792 pp.

Conference Sponsor: Nat. Comput. Graphics Assoc

Conference Date: 9-12 March 1992 Conference Location: Anaheim, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G)

Abstract: Automated drawing management operating within a network is fundamentally a database management system problem. More specifically, the very nature of drawing management is ideally suited to the functionality of a relational data base management system (RDBMS). This database environment must be able to support the six functional common denominators: drawing storage and access; drawing status and external information linkages; utilities to support reporting and analysis; work flow and task/activity scheduling; utilities to support copying, plotting, archiving, etc.; and provisions to customize and tailor. The resultant drawing management system selected, must serve as the spring board to accessing the user system, as well as other applications and utility oriented operations. And because of its inherent structure, it will be the basis for the support of other applications and functions. This may include for example the ability to directly read drawing data and generate a bill of materials from a collection of drawings, or assign intelligence to objects within a drawing using data from external textually based databases. Networking Auto CAD Release 11 and the growing importance for data and applications integration is setting the stage for the release of a new generation of drawing management functionality. (0 Refs)

Subfile: C

Descriptors: CAD; relational databases

-Identifiers: master drawing; CAD drawing management; database management system; drawing status; external information linkages; reporting; work flow ; Auto CAD Release 11

Class Codes: C7400 (Engineering); C6160D (Relational DBMS)

15/5/8 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03864176 INSPEC Abstract Number: B91026834, C91031719

Title: Network/billing convergence-a Pacific Bell perspective

Author(s): Denhart, D.L.

Author Affiliation: Pacific Bell, San Ramon, CA, USA

Conference Title: NOMS '90 IEEE 1990 Network Operations and Management Symposium 'Operations for the Information Age' (Cat. No.90CH2758-1) p. 17.3/1-7

Publisher: IEEE, New York, NY, USA

Publication Date: 1990 Country of Publication: USA 925 pp.

Conference Sponsor: IEEE

Conference Date: 11-14 Feb. 1990 Conference Location: San Diego, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: It is pointed out that usage billing **data** generated from network elements become increasingly valuable as they are turned into **information** and delivered in a usable **format** and timely manner to the **customer** or to satisfy internal **company** needs. Developing processes to meet the demands of a 'real-time' world requires major changes in today's processes. The author discusses Pacific Bell's perspective on the challenges, issues, and architectural direction necessary to provide usage data to the customer/company as close to real time as technically possible. (0 Refs)

Subfile: B C

Descriptors: data acquisition; invoicing; telecommunication network management; telecommunication traffic

Identifiers: data collection; Pacific Bell; usage billing data

Class Codes: B6210 (Telecommunication applications); C7410F (Communications)

15/5/9 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03547730 INSPEC Abstract Number: C90015907

Title: A microcomputer-based, net-lending interlibrary loan system

Author(s): Yau, L.; Newman, M.; Gascard, M.

Author Affiliation: Med. Center Libr., California Univ., Orange, CA, USA

Journal: Bulletin of the Medical Library Association vol.77, no.4 p.343-7

Publication Date: Oct. 1989 Country of Publication: USA

CODEN: BMLAAG ISSN: 0025-7338

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: A microcomputer-based, net-lending interlibrary loan system was developed at Lane Medical **Library**, Stanford University. The system, designed to **generate** the monthly **billing invoices** and all necessary statistical reports, has reduced the time required for logging-in

procedures and compilation of monthly, quarterly, and annual statistics. User menus, help screens, and choice **fields** were developed explicitly for **library** staff who have little or no computer experience. The program was written using the DataEase database management software running on IBM PC, XT, AT, or compatible with a minimum of 512 K RAM. Described are features of this automated interlibrary loan management system and its use in a net-lending interlibrary loan department. It focuses on data entry in the **Library** Directory and ILL Log Sheet, details of billing invoices, and statistical reports, and flexibility in modifying tax rates, borrowing fees, and other parameters. (7 Refs)

Subfile: C

Descriptors: IBM computers; **library** automation; microcomputer applications

Identifiers: net-lending interlibrary loan system; Lane Medical **Library**; monthly billing invoices; statistical reports; help screens; choice **fields**; **library** staff; computer experience; DataEase database management software; IBM PC; 512 K RAM; **Library** Directory; ILL Log Sheet; modifying tax rates; borrowing fees; 512 KB

Class Codes: C7210L (Library automation)

Numerical Indexing: memory size 5.24E+05 Byte

15/5/10 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

02986999 INSPEC Abstract Number: C87061130

Title: R&R makes report writing easy

Author(s): Lang, K.

Journal: Which Computer? p.63-4

Publication Date: May 1987 Country of Publication: UK

CODEN: WHCOD8 ISSN: 0140-3435

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R)

Abstract: Concentric Data Systems has developed R&R, which produces a range of reports from dBASE III Plus files, using either dBASE indexes or those set up by Clipper. R&R allows one to design reports on the screen, using 'paint-a-screen' techniques which show roughly what the printer will produce. A report may have a Header and a Footer section, as well as the Body section for the main content of the report. The final page or area of each report may be used to produce totals or other variables. For example, one can **create** an **invoice** which has final totals, and which includes the word 'continued' on the Footer line of each page except the last. Simple **templates** are used to indicate the formatting, and word-wrapping can be used to print **fields** which are longer than their allotted report area. This feature means R&R can correctly report dBASE III Memo **fields**. (0 Refs)

Subfile: C

Descriptors: relational databases; report generators; software packages; user interfaces

Identifiers: report generator; database front-end; user interface; R&R; Concentric Data Systems; dBASE III Plus

Class Codes: C6160D (Relational DBMS)

15/5/11 (Item 11 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

02911546 INSPEC Abstract Number: D87001829

Title: A flexible data base

Author(s): Bell, J.

Journal: Personal Computing vol.11, no.6 p.234

Publication Date: June 1987 Country of Publication: USA

CODEN: PLCMDL ISSN: 0192-5490

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R)

Abstract: FileMaker Plus 2.0, from Forethought, is a graphically oriented data base manager that runs on the Apple Macintosh. The software has features that bestow power on the user, even though the program lacks relational capabilities. FileMaker Plus, which is shipped with a collection of 10 **templates** to aid in the **production of invoices**, purchase orders, expense reports, and similar forms, enables you to open and view eight separate files on the Mac's desktop. The total number of records per file and **fields** per record is limited only by the available disk space. **Fields** can be any of six kinds: text, number, date, picture, numeric and data calculation, and summary. The **fields** can be up to 250 characters long, and the information in them (except in graphic and summary **fields**) is automatically indexed. (0 Refs)

Subfile: D

Descriptors: database management systems; software packages

Identifiers: FileMaker Plus 2.0; Forethought; data base manager; Apple Macintosh; invoices; purchase orders; expense reports

Class Codes: D2080 (Information services and database systems)

15/5/12 (Item 12 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

02745232 INSPEC Abstract Number: C86053367

Title: PROMPT SEARCH: communications and accounting software for end user services

Author(s): Agner, P.

Author Affiliation: Houston Acad. of Med., TX, USA

Journal: Medical Reference Services Quarterly vol.5, no.2 p.91-4

Publication Date: Summer 1986 Country of Publication: USA

CODEN: MRSQDK ISSN: 0276-3869

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R)

Abstract: Colleague PROMPT SEARCH from BRS/Saunders is a communications/accounting software package consisting of two main programs: PROMPT SEARCH and an Archive Billing Program. The package runs on IBM-PC or IBM-PC compatible microcomputers and currently sells for \$60.00. In order to use the package one must subscribe to the BRS/Colleague search service. The PROMPT SEARCH program allows a library to create local user accounts for its clientele, enables patrons to gain access easily to the BRS Colleague system, keeps track of the amount of online time used, and **generates invoices** at the end of a billing cycle. The Archive Billing Program enables a **library** to store both total and **individual** system use **information** for each billing period and to print additional copies of invoices if necessary. The author describes the: levels of menus; tutorials; documentation; and recommendation for its use. (0 Refs)

Subfile: C

Descriptors: computer communications software; information retrieval; software packages

Identifiers: end user services; PROMPT SEARCH; Archive Billing Program; IBM-PC compatible microcomputers; BRS/Colleague search service; menus; tutorials; documentation

Class Codes: C5690 (Other data communication equipment and techniques);

C7250 (Information storage and retrieval)

15/5/13 (Item 13 from file: 2)

DIALOG(R)File 2:INSPEC

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02047062 INSPEC Abstract Number: C83021745

Title: Personal Pearl (database program)

Author(s): Lang, K.

Journal: Personal Computer World vol.5, no.10 p.163-4

Publication Date: Oct. 1982 Country of Publication: UK

CODEN: PCWODU ISSN: 0142-0232

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: Evaluates Pearl, an information management package running under the CP/M operating system. The system is billed as a program generator but, in the author's opinion is much more useful for **data** management. Pearl asks the **user** to define a record **format**, then provides facilities for **data** entry and gives opinions for designing report formats to get **information** from the database. (0 Refs)

Subfile: C

Descriptors: automatic programming; database management systems

Identifiers: Pearl; information management package; CP/M; program generator; data management

Class Codes: C6110 (Systems analysis and programming); C6160 (Database management systems (DBMS))

15/5/14 (Item 14 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

00489963 INSPEC Abstract Number: B73009821, C73006502

Title: No.1 EAX (electronic automatic exchange) automatic toll ticketing subsystem

Author(s): Adamski, D.L.; Gearing, B.F.

Journal: GTE Automatic Electric Technical Journal vol.13, no.4 p. 177-84

Publication Date: Oct. 1972 Country of Publication: USA

CODEN: GTEABI ISSN: 0099-9490

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G); Practical (P)

Abstract: Automatic toll ticketing is one of the major options offered in the No.1 EAX System. The purpose of the ticketing subsystem is to collect, interpret, **format**, and record **data** which will be transported to a **data** processing center and used to **produce individual customers' bills**. The subsystem makes maximum use of the EAX Central Processor and relevant **information** accumulated or generated by other EAX subsystems. (1 Refs)

Subfile: B C

Descriptors: automatic telephone systems; telephone exchanges

Identifiers: automatic toll ticketing subsystem; customers' bills; EAX system; electronic automatic exchange

Class Codes: B6230B (Electronic telephone exchanges); C3370C (Telephony)

15/5/15 (Item 1 from file: 256)

DIALOG(R)File 256:TecInfoSource

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01779806

DOCUMENT TYPE: Product

PRODUCT NAME: TeleMagic Enterprise 5 (779806)

Interact Commerce Corp (523836)
8800 N Gainey Center Dr #200
Scottsdale, AZ 85258 United States
TELEPHONE: (480) 368-3700

RECORD TYPE: Directory

CONTACT: Sales Department

Interact Commerce's TeleMagic (R) Enterprise 5 allows users to create databases that support inventory tracking, invoice generation, help desk, and other processes. The **customer** relationship management (CRM) and sales force automation (SFA) system includes multiple development **templates**. Databases can be customized to meet specific **information** processing requirements. TeleMagic Enterprise 5 provides multiple **users** with access to customer, sales prospect, supplier, order history, product specification, and other CRM **information**. The system can be configured to support appointment scheduling, letter and report generation, information retrieval, data backup, and other processes.

DESCRIPTORS: Address Books; CRM; Database Management; Sales Force
Automation; Templates

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: Windows; Windows NT/2000; Windows XP
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Cross Industry
PRICE: Available upon request

REVISION DATE: 20030827

15/5/16 (Item 2 from file: 256)
DIALOG(R)File 256:TecInfoSource
(c) 2005 Info.Sources Inc. All rts. reserv.

01721417 DOCUMENT TYPE: Product

PRODUCT NAME: Voyager 2001.2 (721417)

Endeavor Information Systems Inc (607941)
19600 E Touhy Ave #200 East
Des Plaines, IL 60018-4505 United States
TELEPHONE: (847) 296-2200

RECORD TYPE: Directory

CONTACT: Sales Department

Endeavor **Information** Systems' Voyager 2001.2 is a **library** management system that provides **users** with wide range of **information organization** and access features. The product's modules can be deployed in any combination. Voyager 2001.2 includes Web-based public access, acquisitions and serials control, cataloging, circulation, reporting, and systems administration features. A straightforward interface simplifies information

management processes. The system acquisitions and serials module includes workflow customization features. The component can be used to create invoices from existing order records. A ledger structure supports budget assessments. The serials and acquisitions module also allows users to track bindery items. Voyager's cataloging and authority control component supports MARC21 and Unicode standards. Cut-and-paste editing tools reduce **data** entry errors. The component automatically validates authority headings. Voyager's circulation module provides **users** with recall, hold, charge, renew, and other features. The system also offers **library** patrons multilingual display and search tools. Voyager can access image, audio, video, Web, and other content. The product generates acquisitions, cataloging, and circulation reports. It also includes access control security features.

DESCRIPTORS: Acquisitions; Cataloging; Circulation Management; Colleges & Universities; Libraries; Library Automation; OPAC Library Catalogs; Subscription Management

HARDWARE: Hardware Independent
OPERATING SYSTEM: Open Systems
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Libraries
PRICE: Available upon request
REVISION DATE: 20030827

15/5/17 (Item 3 from file: 256)
DIALOG(R) File 256:TecInfoSource
(c) 2005 Info.Sources Inc. All rts. reserv.

01640506 DOCUMENT TYPE: Product

PRODUCT NAME: MedSys (640506)

InfoSys Inc (618446)
1821 Walden Office Sq #350
Schaumburg, IL 60173 United States
TELEPHONE: (847) 925-9148

RECORD TYPE: Directory

CONTACT: Sales Department

InfoSys's MedSys is a billing and accounts receivable system that streamlines the processing of charges and payments. The product ensures that health care organizations comply with reimbursement guidelines. It integrates with Microsoft (R) Great Plains (R), ACCPAC, PeopleSoft, and other third-party accounting systems. A graphical interface simplifies access to patient demographic, clinical documentation, schedule, charge, and other **information**. The system processes claims for multiple insurance plans. It supports a wide range of **billing formats**. The **product's** color-coded confirmation highlighting allows **users** to track the status of patient claims across facilities, departments, and health plans. MedSys includes transaction audit trail and other security features. The system allows multiple users to enter data simultaneously. MedSys prints HCFA 1500 and UB92 forms, bank deposit statements, and patient statements. The system automatically calculates finance charges. It includes 100 report templates.

DESCRIPTORS: Accounts Receivable; Government Regulations; Health Care Facilities; Health Care Management; Hospitals; Medical Accounting;

Medical Billing

HARDWARE: Hardware Independent
OPERATING SYSTEM: Open Systems
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation
POTENTIAL USERS: Hospital Billing, AR
PRICE: Available upon request

REVISION DATE: 20040512

15/5/18 (Item 4 from file: 256)
DIALOG(R)File 256:TecInfoSource
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01202118 DOCUMENT TYPE: Product

PRODUCT NAME: Time & Billing (202118)

DDI Inc (078671)
1939 Waukegan Rd #207A
Glenview, IL 60025 United States
TELEPHONE: (847) 486-0003

RECORD TYPE: Directory

CONTACT: Sales Department

DDI's Time & Billing provides law firms and other professional services offices with time and expense accounting, billing, accounts receivable, fee allocation, reporting, and other features. The system's templates streamline data entry processes. Time & Billing supports a large number of task and activity codes, including ABA and ACCA codes. Time can be defined as billable, non-billable, productive, and non-productive. The system includes word processing, spell checking, and audit trail features. It captures cost data from chargeback systems. It also imports data from calendar and case management applications. Time & Billing provides offices with task-based billing, split billing, and bill and payment history reporting features. It supports over 300 **bill formats**. The system **generates** reminder statements. It provides **users** with accounts receivable status **information**. It also calculates finance charges. The product can be employed in analyzing staff productivity and firm performance. Time & Billing provides users with case budgeting and scheduling, print management, customized reporting, graphing, and security tools.

DESCRIPTORS: Law Firm Accounting; Law Firms; Legal; Professional Service Automation; Professional Time & Billing; Time Accounting

HARDWARE: Hardware Independent
OPERATING SYSTEM: ODBC
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Law Firms, Professional Offices
PRICE: Available upon request

REVISION DATE: 20040622

15/5/19 (Item 5 from file: 256)

DIALOG(R) File 256:TecInfoSource
(c) 2005 Info.Sources Inc. All rts. reserv.

01193437 DOCUMENT TYPE: Product

PRODUCT NAME: Immigration Tracker (193437)

Pearl Law Group (749711)
575 Market St 7th Floor
San Francisco, CA 94105-2854 United States
TELEPHONE: (415) 771-7500

RECORD TYPE: Directory

CONTACT: Sales Department

Pearl Law Group's Immigration Tracker provides immigration attorneys with a wide range of automated case management features. The system includes automated reminder, case note organization, case contact management, and billing tools. A straightforward interface offers personalized task list features. Immigration Tracker generates visa expiration, filed case, pending case, working docket, **productivity**, **billing** analysis, and other reports. The system also includes advertisement tracking and other human resources (HR) tools. Its **library** includes 50 forms. Immigration Tracker generates forms as Microsoft (R) Word (R) documents. They are populated with information from the system's database. Forms can also be e-mailed to clients. Immigration Tracker can publish case information to the Internet. Data **fields** are protected with passwords.

DESCRIPTORS: Document Generators; Human Resource Management; Law Firms;
Legal; Litigation Support; Time Management

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: Microsoft Word; Windows; Windows NT/2000; Windows XP
PROGRAM LANGUAGES: Access
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Immigration Attorneys
PRICE: Available upon request; Internet demo available

OTHER REQUIREMENTS: Win 9x+ required
REVISION DATE: 20040128

15/5/20 (Item 6 from file: 256)
DIALOG(R) File 256:TecInfoSource
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01192147 DOCUMENT TYPE: Product

PRODUCT NAME: Create!flash (192147)

Create!form Inc (475181)
101A 1st Ave
Waltham, MA 02451 United States
TELEPHONE: (781) 487-6799

RECORD TYPE: Directory

CONTACT: Sales Department

Create!form's Create!flash streamlines the creation, management, and

distribution of customized work orders, invoices, and other electronic forms. The system works with PostScript laser printers. It provides **users** with color, image, shading, font, barcode, and other formatting options. Create!flash **templates** can be stored on printer memory cards. The system automatically merges stored **data** with application **information**. It does not require updates to host applications. Create!flash includes check printing, automated duplex and tray selection, print preview, and multi-part document generation features. It supports over 5,000 fonts. A demonstration version of the program can be requested through the Create!form Web site.

DESCRIPTORS: Business Forms; Form Generators; Office Automation

HARDWARE: Hardware Independent
OPERATING SYSTEM: Open Systems
PROGRAM LANGUAGES: PostScript
TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation
POTENTIAL USERS: Cross Industry, E-Forms
PRICE: Available upon request; Internet demo available

REVISION DATE: 20040202

15/5/21 (Item 7 from file: 256)
DIALOG(R) File 256:TecInfoSource
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01183717 DOCUMENT TYPE: Product

PRODUCT NAME: Cognos ReportNet (183717)

Cognos Inc (027294)
3755 Riverside Dr PO Box 9707, Sta T
Ottawa, ON K1G 4K9 Canada
TELEPHONE: (613) 738-1440

RECORD TYPE: Directory

CONTACT: Sales Department

Cognos's Cognos (R) ReportNet (TM) allows enterprise users to create, edit, and distribute invoices, statements, sales and inventory reports, and other documents. The system can scale to support thousands of **users**. It integrates with existing business applications. A straightforward Web interface and drag-and-drop **object** editing tools simplify the production of reports. Cognos ReportNet documents can contain charts, crosstabs, lists, images, and logos. **Information** also can be linked to live embedded applications. The system supports English, French, German, and Japanese. Cognos ReportNet integrates with Cognos PowerPlay, Cognos Visualizer, Cognos NoticeCast, and Cognos Metrics Manager. The product includes report scheduling and batch reporting features. It also provides users with failover recovery and dynamic load balancing features. Cognos ReportNet encrypts data and works with existing authentication systems.

DESCRIPTORS: Business Intelligence; Data Warehouses; Foreign Language Packages; Groupware; Intranets; Project Management; Report Generators

HARDWARE: Hardware Independent; HP; IBM PC & Compatibles; Sun; UNIX
OPERATING SYSTEM: AIX; Apache; HP-UX; IIS; Internet Explorer; Netscape;
Open Systems; Solaris; Sun Java System; Windows; Windows NT/2000;
Windows XP

PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation
POTENTIAL USERS: Cross Industry, Intranets, Decision Makers, Workgroups
PRICE: Available upon request

REVISION DATE: 20040314

15/5/22 (Item 8 from file: 256)

DIALOG(R)File 256:TecInfoSource
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01182079 DOCUMENT TYPE: Product

PRODUCT NAME: Pfastship International (182079)

Pfastship Worldwide Logistics Inc (584037)
17752 Mitchell N #H
Irvine, CA 92614 United States
TELEPHONE: (949) 260-2260

RECORD TYPE: Directory

CONTACT: Sales Department

Pfastship Worldwide Logistics' Pfastship International (TM) automates the production of international shipping documents. It can generate commercial **invoices**, certificates of origin, shipper export declarations, and letters of credit. Pfastship International includes document **templates**. The system also provides **users** with report writing features. It searches for **customer**, carrier, country, and commodity combinations and automatically captures appropriate **information** from order entry and enterprise resource planning (ERP) applications.
DESCRIPTORS: Distribution Management; Distributors; Freight Handling; Globalization; Government Regulations; Manufacturing; Shipping

HARDWARE: Hardware Independent
OPERATING SYSTEM: Open Systems
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation
POTENTIAL USERS: International Distributors
PRICE: Available upon request

REVISION DATE: 20040119

15/5/23 (Item 9 from file: 256)

DIALOG(R)File 256:TecInfoSource
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01179906 DOCUMENT TYPE: Product

PRODUCT NAME: Visual Traffic (179906)

Wicks CBSI (328146)
1950 Winchester Ave PO Box 67
Reedsport, OR 97467 United States
TELEPHONE: (541) 271-3681

RECORD TYPE: Directory

CONTACT: Sales Department

Wicks CBSI's Visual Traffic is a radio traffic management system that can process information for up to 128 stations. The product provides users with billing, accounts receivable, and commission rate data processing features. It generates daily sales and cash, sales history comparison, and other reports. It also includes a print preview feature. Employing the system, users can streamline scheduling tasks. Users can highlight weekend, holiday, and other special broadcast days with customized icons. Drag-and-drop editing tools support the rescheduling of bumped spots. On-screen order and **customer information** logs can be searched. Visual Traffic allows **users** to employ orders as **templates**. The system includes a straightforward, menu-based interface that streamlines **data** entry and retrieval processes.

DESCRIPTORS: Billing; Employee Supervision; Financial Reporting; Order Entry; Radio; Sales Analysis

HARDWARE: IBM PC & Compatibles; Pentium

OPERATING SYSTEM: Internet Explorer; Windows NT/2000; Windows XP

PROGRAM LANGUAGES: Not Available

TYPE OF PRODUCT: Micro

POTENTIAL USERS: Radio Stations, Radio-Station Groups

PRICE: Available upon request

TRAINING AVAILABLE: Technical support; telephone support

REVISION DATE: 20040128

15/5/24 (Item 10 from file: 256)

DIALOG(R)File 256:TecInfoSource

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01175501 DOCUMENT TYPE: Product

PRODUCT NAME: ePaybill (175501)

Princeton eCom Corp (671851)

650 College Rd E

Princeton, NJ 08540-6624 United States

TELEPHONE: (609) 606-3000

RECORD TYPE: Directory

CONTACT: Sales Department

Princeton eCom's ePaybill is an online consumer billing and account management system. The product extracts **data** from legacy **data** systems and **generates** electronic **bills**. It archives historical billing **data**. It also offers **users** **template** and customized formatting options. ePaybill integrates with existing Web sites. It also can **generate** online **bills** that include existing corporate branding elements. E-mailed notices are forwarded to consumers, providing them with links to online bills. Employing ePaybill, customers can sort and segment information, analyze usage, and track billing histories. The system also provides consumers with graphing and data export features. It includes bank account debit and credit card processing features. It also has automated and pay-on-demand options. The system employs open technology in distributing bills to other networks and online service sites. ePaybill generates daily settlement

reports.

DESCRIPTORS: CRM; E-Billing; E-Commerce; E-Payment

HARDWARE: Hardware Independent

OPERATING SYSTEM: Open Systems; WAP

PROGRAM LANGUAGES: Not Available

TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation

POTENTIAL USERS: Consumer Billing, Cross Industry

PRICE: Available upon request

REVISION DATE: 20031119

15/5/25 (Item 11 from file: 256)

DIALOG(R)File 256:TecInfoSource

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01164275 DOCUMENT TYPE: Product

PRODUCT NAME: InspectVue R3 (164275)

Porter Valley Software Inc (741205)

10865 Springfield Ave

Northridge, CA 91326 United States

TELEPHONE: (818) 368-4806

RECORD TYPE: Directory

CONTACT: Sales Department

Porter Valley Software's InspectVue (TM) R3 (TM) provides home inspectors with a wide range of reporting features. The system includes the InspectVue R3 Report Writer, InspectVue Extended Master **Library**, and InspectVue Mobile. InspectVue R3's reporting component uploads documents to the Web, allowing **clients** to access **information** at their convenience. Reports are protected with passwords. InspectVue R3 also can generate summary reports for agents. The system can save narratives to a **library** for reuse. Line numbers speed the scanning of documents for specific information. InspectVue R3's reporting component includes a Narrative **Library**, which contains over 11,000 narrative elements. The solution offers narrative color-coding features. InspectVue R3 works with InspectVue BackOffice, providing users with scheduling and **invoice generation** tools.

DESCRIPTORS: Construction; **Field** Service; Government Regulations; Handhelds & Palmtops; Health & Safety; Inspection Systems; Municipal Management

HARDWARE: IBM PC & Compatibles; Pocket PC

OPERATING SYSTEM: Windows; Windows Mobile; Windows NT/2000; Windows XP

PROGRAM LANGUAGES: Not Available

TYPE OF PRODUCT: Micro

POTENTIAL USERS: Building Inspectors

PRICE: Available upon request; demo disk available

REVISION DATE: 20030731

15/5/26 (Item 12 from file: 256)

DIALOG(R)File 256:TecInfoSource
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01162302 DOCUMENT TYPE: Product

PRODUCT NAME: CyberRAD (162302)

Creative Computer Applications Inc (601586)
26115-A Mureau Rd
Calabasas, CA 91302-3128 United States
TELEPHONE: (818) 880-6700

RECORD TYPE: Directory

CONTACT: Sales Department

Creative Computer Applications' CyberRAD (R) is a radiology **information** system that offers diagnostic imaging automation and management features. The system includes exam scheduling, resource allocation, film **library**, digital dictation, mammography tracking, reporting, and other tools. Tapping CyberRAD, **users** can manage walk-in procedures and multiple examinations. The program integrates with other Creative Computer Applications' products, simplifying **data** entry processes. A single interface provides access to multiple systems. CyberRAD also complies with HL7, ASTM, and proprietary standards. It can process order, billing, and other information generated by third-party applications.

DESCRIPTORS: Appointment Scheduling; Health Care Facilities; Hospitals;
Medical Imaging; Medical Records; Radiology

HARDWARE: UNIX
OPERATING SYSTEM: UNIX
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Mini; Micro; Workstation
POTENTIAL USERS: Radiology, Hospitals
PRICE: Available upon request

REVISION DATE: 20030617

15/5/27 (Item 13 from file: 256)
DIALOG(R)File 256:TecInfoSource
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01153281 DOCUMENT TYPE: Product

PRODUCT NAME: Mailbox Provisioner Solution (153281)

Lucent Technologies (586072)
600 Mountain Ave
Murray Hill, NJ 07974 United States
TELEPHONE: (908) 582-8500

RECORD TYPE: Directory

CONTACT: Sales Department

Lucent Technologies' Mailbox Provisioner Solution streamlines the management of mailbox services. A centralized administration console allows users to add, delete, and edit mailbox profiles. The product works with billing and other existing network systems. It can operate as a standalone,

browser-based provisioning tool. Mailbox Provisioner Solution offers subscribers targeted provisioning management features. The product provides IT personnel with mailbox renumbering and batch processing options. It also allows **users** to create mailbox **templates**, streamlining profile **data** entry processes. Mailbox Provisioner Solution's **client** interface can be customized for **individual** users. The system supports graphical, HTTP, and TCP/IP clients. Subscribers can define and manage outcall schedules and personal distribution lists. The product also includes a voice mail provisioning Web interface. Mailbox Provisioner Solution can support multiple languages on a single CA/Sierra (TM) system. It includes access right, mailbox routing, audit, error log, and other management features.

DESCRIPTORS: Computer Telephony; Network Software; Telephone Messages; Voice Mail; WANS

HARDWARE: Proprietary Hardware

OPERATING SYSTEM: Proprietary Operating Environment

PROGRAM LANGUAGES: Not Available

TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation

POTENTIAL USERS: Enterprises, Networks, CA/Sierra (TM) Users, WANS

PRICE: Available upon request

REVISION DATE: 20030617

15/5/28 (Item 14 from file: 256)

DIALOG(R) File 256:TecInfoSource

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01150291 DOCUMENT TYPE: Product

PRODUCT NAME: Edisoft Merchant (150291)

Edisoft Inc (687391)

980 Tapscott Rd

Toronto, ON M1X 1C3 Canada

TELEPHONE: (416) 299-0030

RECORD TYPE: Directory

CONTACT: Sales Department

Edisoft's Edisoft Merchant allows ACCPAC and Great Plains software users to route electronic **data** interchange (EDI) documents to accounting applications. The **product** also automatically converts **invoices** and other outbound documents into EDI **format**. Edisoft Merchant complies with ANSI EDI standards. It processes communications over Internet channels. The system provides users with mapping, audit report, context-sensitive help, and other features. Edisoft Merchant can be extended with advance shipping notice (ASN) and barcode shipping label modules. Employing the system, organizations can reduce rekeying processes. Edisoft Merchant also ensures the accuracy of EDI documents. The system can be linked to a wide range of value-added networks (VANS). Templates streamline integration with trading partner systems. Edisoft Merchant processes credit and debit adjustment, purchase order, product activity data, sales catalog, and other documents.

DESCRIPTORS: B2B Marketplaces; Data Communications; E-Commerce; EDI (Electronic Data Interchange); Middleware; OLTP; Partner Relationship Management; Retailers

HARDWARE: IBM PC & Compatibles; Pentium

OPERATING SYSTEM: Windows; Windows NT/2000; Windows XP--
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Cross Industry, Retailers, ACCPAC Software Users, Great
Plains Software Users
PRICE: Available upon request

DOCUMENTATION AVAILABLE: Online documentation
OTHER REQUIREMENTS: 64MB RAM; Win 9x+ required; broadband Internet
connection; Win 2000+
REVISION DATE: 20030803

15/5/29 (Item 15 from file: 256)
DIALOG(R)File 256:TecInfoSource
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01146218 DOCUMENT TYPE: Product

PRODUCT NAME: Sigaba Secure Statements (146218)

Sigaba Corp (689416)
1875 S Grant #500
San Mateo, CA 94402 United States
TELEPHONE: (650) 572-6100

RECORD TYPE: Directory

CONTACT: Sales Department

Sigaba's Sigaba (R) Secure Statements allows companies to exchange documents securely with customers and partners. The system supports the creation, management, and distribution of electronic documents. It includes distributed key, authentication, fraud check, and audit trail features. Sigaba Secure Statements is installed and configured quickly. Employing the product, companies can reduce printing and postage costs; improve customer service; and support online **billing** processes. The program pushes **customized** content to recipients through e-mail channels. **Templates** speed the creation of targeted marketing campaigns. The Sigaba Fraud Check feature ensures that **data** is not sent, received, or edited by unauthorized users. Sigaba Secure Statements' Secure Reply option allows customers to forward e-mails directly from electronic billing statements.

DESCRIPTORS: E-Billing; E-Commerce; E-Mail; File Security; Financial
Institutions; Internet Security; Medical Billing

HARDWARE: IBM PC & Compatibles; Sun; UNIX
OPERATING SYSTEM: Linux; Solaris; Windows NT/2000
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Mini; Micro; Workstation
POTENTIAL USERS: Cross Industry, E-Billing, Financial Services
PRICE: Available upon request

OTHER REQUIREMENTS: 256MB server RAM; Win NT 4 SP5+ or Solaris 2.6 or Red
Hat Linux 6+
REVISION DATE: 20030529

15/5/30 (Item 16 from file: 256)
DIALOG(R)File 256:TecInfoSource
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01131717 DOCUMENT TYPE: Product

PRODUCT NAME: Actional SOAPstation (131717)

Actional Corp (693227)
701 N Shoreline Blvd
Mountain View, CA 94043 United States
TELEPHONE: (650) 254-4100

RECORD TYPE: Directory

CONTACT: Sales Department

Actional's Actional SOAPstation is a Web services management platform that brokers interactions between applications. Actional SOAPstation provides users with service provisioning, access control, service versioning, logging, alerting, and reporting features. Wizards and a straightforward **user** interface simplify the management of multiple protocols, security models, **data formats**, and services. New versions of services can be deployed quickly. Actional SOAPstation's monitoring features allow companies to enforce service level agreements (SLAs). The product integrates with accounting and billing applications, along with firewall, single sign-on, and directory security systems. It also supports clustering and load balancing processes. Actional SOAPstation collects information on events, errors, warnings, and configuration changes. Runtime statistics can be referenced in generating trend analyses. The system provides users with real-time views of system activity. A graphical tool speeds eXtensible Stylesheet Language (XSL) transformations.

DESCRIPTORS: Enterprise Application Integration; Internet Security;
Middleware; Web Services

HARDWARE: HP; IBM; IBM PC & Compatibles; Java; Sun; UNIX
OPERATING SYSTEM: AIX; HP-UX; Java; Linux; Solaris; Windows NT/2000;
Windows XP
PROGRAM LANGUAGES: Java; XML; XSL
TYPE OF PRODUCT: Mini; Micro; Workstation
POTENTIAL USERS: Cross Industry, Web Services
PRICE: Available upon request

REVISION DATE: 20030228

15/5/31 (Item 17 from file: 256)
DIALOG(R)File 256:TecInfoSource
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01127582 DOCUMENT TYPE: Product

PRODUCT NAME: SunSystems PSA (127582)

SunSystems (481246)
7300 Airport Corporate Center Dr #700
Miami, FL 33126 United States
TELEPHONE: (305) 594-8000

RECORD TYPE: Directory

CONTACT: Sales Department

SunSystems' SunSystems Professional Services Automation (PSA) provides service organizations with customer relationship management (CRM), resource management, project administration, financial management, information delivery, and business analysis features. Tapping SunSystems PSA, companies can locate and retain clients, plan projects, allocate resources, and measure results. The product's CRM component improves enterprise communications with customers and prospects. It also allows users to streamline bidding processes, coordinate sales and marketing projects, and share customer information across departments. SunSystems PSA can also be employed in scheduling resources, defining costs, and setting budgets. The product's project administration component captures time information locally and through the Web. It also integrates with Microsoft (TM) Projects. The module supports the publication of progress reports. SunSystems PSA handles fixed, milestone, multi- client , and other billing processes. It provides users with customizable invoice formats . The system distributes information in text, PDF, HTML, and other formats . SunSystems PSA includes user and data security features.

DESCRIPTORS: Budgeting; Professional Service Automation; Professional Time & Billing; Project Management

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: Windows NT/2000
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Professionals
PRICE: Available upon request

REVISION DATE: 20030228

15/5/32 (Item 18 from file: 256)
DIALOG(R)File 256:TecInfoSource
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01121177 DOCUMENT TYPE: Product

PRODUCT NAME: *Collect (121177)

Select* Associates Inc (729477)
10 Gerard Ave #300
Timonium, MD 21093 United States
TELEPHONE: (410) 561-7880

RECORD TYPE: Directory

CONTACT: Sales Department

Select* Associates' *Collect is a collections management system that provides search, reporting, e-mail generation, and other features. The Navigator allows users to group and filter search results, display detailed account information, and distribute data. User-defined thresholds sort information . *Collect can produce reports to viewers and printers. It also generates reports in HTML and RTF format . The system has extensive drag-and-drop formatting features. *Collect lets users view client , invoice, contact, and other information from a single window. The system supports multiple currencies. A to-do list allows users to track and multiple activities. *Collect integrates with time and billing systems. Its Notice Editor employs templates in automatically generating letters, statements, and e-mails.

DESCRIPTORS: Accounts Receivable; Billing; Collections Management;
Document Generators

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: Windows; Windows NT/2000
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Collections4
PRICE: Available upon request

REVISION DATE: 20021130

15/5/33 (Item 19 from file: 256)
DIALOG(R) File 256:TecInfoSource
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01117781 DOCUMENT TYPE: Product

PRODUCT NAME: MediaPlus Financial Management System (117781)

Publishing Business Systems (PBS) (728748)
2611 Hamline Ave N #100
St Paul, MN 55113 United States
TELEPHONE: (651) 639-0662

RECORD TYPE: Directory

CONTACT: Sales Department

MediaPlus Financial Management System from Publishing Business Systems (PBS) is a financial management solution for publishers, encompassing the Accounts Payable, General Ledger, and Bank Book applications. MediaPlus Financial Management System: Accounts Payable simplifies enterprise disbursement processing. It includes vendor tracking, payment selection, automatic invoice generation, check printing, autodeposit, and other features. The application processes 1099-MISC, 1099-DIV, and 1099-INT forms. MediaPlus Financial Management System: General Ledger collects company financial information, providing users with a wide range of analysis and reporting features. The module can process information across multiple business units and subsidiaries. Information can be exchanged with Microsoft (TM) Excel. Users define formats, calculations, and accounting periods. The module includes data drill-down features. MediaPlus Financial Management System: Bank Book maintains updated cash balances for multiple bank accounts. It also automates reconciliation and handles bank charges, wire transfers, and cash receipts. It features book to book, bank to book, and book to general ledger reconciliation. The module can import canceled document files and exchange information with Microsoft Excel.

DESCRIPTORS: Accounting; Accounts Payable; Bank Statement Reconciliation;
Check Processing; Financial Reporting; General Ledger; Magazine
Publishers; Newspapers; Publishing

HARDWARE: Hardware Independent
OPERATING SYSTEM: Excel; Open Systems
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation
POTENTIAL USERS: Newspapers, Magazines
PRICE: Available upon request

REVISION DATE: -20021230

15/5/34 (Item 20 from file: 256)
DIALOG(R) File 256:TecInfoSource
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01107166 DOCUMENT TYPE: Product

PRODUCT NAME: DENEb 2000 9 (107166)

Deneb Inc (375527)
201 Riverside Dr #2C
Dayton, OH 45405-4956 United States

RECORD TYPE: Directory

CONTACT: Sales Department

DENEb 2000 9.0 from Deneb helps small to medium-sized construction firms manage their entire operation. The modular system combines integrated applications, easy upgrades, ease of use, scalability, and pop-up search windows that work across modules. The suite is composed of many modules that manage all the financial, planning, equipment management, and office operations of a construction firm. Modules in DENEb 2000 9.0 include Billing, Inventory, Order Entry, Purchase Orders, Accounts Payable and Receivable, Job Cost, Equipment and Tool Control, and General Ledger. DENEb 2000 9.0 Equipment Control provides accurate control of equipment usage and costs, maintaining a complete master file for each piece of equipment owned by the company. It supports direct entry of billings, service and parts cost, labor cost, and fuel cost. Depreciation can also be directly entered, or it can be automatically generated by the system. The module tracks fleet operation costs, including vehicle maintenance costs and depreciation.

DENEb 2000 Item **Billing** produces either a progress **billing** with detail by phase, or a detailed item billing corresponding to the American Institute of Architects (AIA) billing **format**. Item Billing integrates with the DENEb Estimating, Job Cost, Accounts Receivable, and General Ledger applications. The DENEb Estimating package can pass all the information needed to **create** a new item **billing**, and then, as each billing is finalized, the billing information and current units can be passed to Accounts Receivable and other modules. DENEb can track change orders as approved or pending, and users can post completed work for AIA-type billing or the percent complete to job cost for progress billings. DENEb 2000's Purchase Orders generates and tracks purchase orders, integrating with Inventory and Job Cost modules. It creates purchase orders and tracks each item by type, quantity, or dollars ordered and received. Its reports include purchase orders, confirming or change orders, transaction journals, supplier master list, and purchase order reports with multiple sort **fields**. Tool Control manages small tools, including **field** equipment and hand tools, tracking serial numbers, employees, jobs, tool history, and more. DENEb 2000 Service Management helps construction firms track service orders and dispatches. It supports recurring orders and on-demand orders and tracks back-orders, contracts, and serial numbers of equipment serviced.

DESCRIPTORS: Accounts Payable; Accounts Receivable; Bid Preparation;
Billing; Construction; Construction Management; Contractors; Equipment
Maintenance; Estimating; General Ledger; Inventory; Job Costing;
Payroll; Purchase Orders

HARDWARE: IBM PC & Compatibles; UNIX

OPERATING SYSTEM: UNIX; Windows; Windows NT/2000
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Mini; Micro; Workstation
POTENTIAL USERS: Construction Managers
PRICE: Available upon request

REVISION DATE: 20020930

15/5/35 (Item 21 from file: 256)
DIALOG(R) File 256:TecInfoSource
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01058475 DOCUMENT TYPE: Product

PRODUCT NAME: CODE-1 Plus International (058475)

Group 1 Software Inc (400319)
4200 Parliament Pl
Lanham, MD 20706-1844 United States
TELEPHONE: (301) 731-2300

RECORD TYPE: Directory

CONTACT: Sales Department

CODE-1 Plus International from Group 1 Software uses Postal Address Files (PAFs) to validate, correct, and format addresses for the United States, Canada, and over 200 countries worldwide. The program verifies that streets exist and that building numbers are valid. It formats city, province, state, country, and postal codes, comparing them to established standards for accurate delivery. Optional add-on features include DOC-1, which creates customized and language-translated letters, invoices, statements, and other business documents; Model 1, which is a series of automated predictive modeling modules that use **templates** to allow **companies** to analyze mass quantities of **data** for market forecasting; and DQ Plus, a **data** quality system customized to a business's specific parameters. CODE-1 Plus International supports 52 Category A nations, 129 Category B countries, and 39 Category Cs.

DESCRIPTORS: Data Quality; Direct Marketing; File Conversion;
Globalization; List Processing; Mailing Lists; ZIP Codes

HARDWARE: Alpha; IBM AS/400; IBM iSeries; IBM Mainframe; IBM PC &
Compatibles; UNIX

OPERATING SYSTEM: Linux; MVS; OS/400; UNIX; VSE; Windows NT/2000; Windows
XP

PROGRAM LANGUAGES: C; C++; Java

TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation

POTENTIAL USERS: Direct Mail, Global Companies, E-Commerce

PRICE: Available upon request

REVISION DATE: 20031218

15/5/36 (Item 22 from file: 256)
DIALOG(R) File 256:TecInfoSource
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01056839 DOCUMENT TYPE: Product

PRODUCT NAME: Legal Insight (056839)

Versys Corp (707571)
33 New Montgomery St #210
San Francisco, CA 94105 United States
TELEPHONE: (415) 247-8100

RECORD TYPE: Directory

CONTACT: Sales Department

Legal Insight (TM) from Versys provides an integrated solution to a law firm's needs for billing, accounting and practice management tools. It can generate invoices, prepare 1099's, prorate fees, and break down transactions. Accounting functions automatically update payables, receivables, and general ledger entries while providing important time management and cost analyses. Legal Insight works in conjunction with SQL and ODBC with business intelligence software to track the efficiency of the law practice. It features a pre-bill editor and invoice designer complete with **templates** so that a law firm can **customize** its **billing** procedures and sort **information** by attorney, date, synopsis, or total. Invoices and reports can be printed or stored on disk for e-mail or other uses.

DESCRIPTORS: Client/server; Financial Reporting; Law Firm Accounting; Law Firms; Legal; Professional Time & Billing; Time Accounting

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: ODBC; SQL; UNIX; Windows; Windows NT/2000
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro; Workstation
POTENTIAL USERS: Law Firms
PRICE: Available upon request

TRAINING AVAILABLE: On-site training; technical support
SERVICES AVAILABLE: Consulting
REVISION DATE: 20011030

15/5/37 (Item 23 from file: 256)
DIALOG(R)File 256:TecInfoSource
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01013310 DOCUMENT TYPE: Product

PRODUCT NAME: Client Portrait 1.8 (013310)

Elan Associates (408034)
79 W Monroe #1320
Chicago, IL 60603-4969 United States
TELEPHONE: (312) 782-6496

RECORD TYPE: Directory

CONTACT: Sales Department

Client Portrait 1.8 tracks prospective clients, ex-clients, referrals, associates, or government officials. It creates personalized letters and mailing and billing labels. It facilitates firm marketing and conflict-of-interest prevention. On-screen help is available, including suggested **formats** to ensure accurate and consistent **data** entry. As

users become more experienced, the full set of Helix, six-structural icons, and 100 programming calculation tiles are available to personalize the client information system to a user's unique needs.

DESCRIPTORS: CRM; Law Firms; Legal; Professional Service Automation

HARDWARE: Apple Macintosh

OPERATING SYSTEM: MacOS

PROGRAM LANGUAGES: Database Languages

TYPE OF PRODUCT: Micro

POTENTIAL USERS: Attorneys, Accountants, Management Consultants, Professionals

DATE OF RELEASE: 01/1987

PRICE: \$995--single-user license; other license terms available; money-back guarantee

DOCUMENTATION AVAILABLE: User manuals; online documentation

TRAINING AVAILABLE: User installed

OTHER REQUIREMENTS: 2MB RAM; Helix Express required

SERVICES AVAILABLE: Warranty

REVISION DATE: 20011230

15/5/38 (Item 24 from file: 256)

DIALOG(R) File 256:TecInfoSource

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00152185 DOCUMENT TYPE: Review

PRODUCT NAMES: Globalregistry (108421)

TITLE: UCCnet Compliance--Start Small, Plan Big

AUTHOR: Kay, Emily

SOURCE: Frontline Solutions, v5 n2 p26(6) Feb 2004

ISSN: 0890-9768

HOME PAGE: <http://www.frontline.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

JDA Software's VistaRail, UCCnet's Globalregistry, and the Dell PowerEdge D50 are highlighted in a discussion of the data synchronization efforts of suppliers, who are starting a strategic migration that requires an eye to future needs and advantages. Retailers have set deadlines throughout 2004 by which time suppliers have to submit item, location, and trading partner information to UCCnet's GLOBALregistry, which is a global repository for companies' synchronized and standardized product data. There have not been any penalties threatened for noncompliance, but suppliers are likely to pay dearly if they ignore customers UCCnet deadlines. For instance, Ace Hardware, a \$3-billion retail hardware cooperative, will use persuasive influence to make sure all suppliers are UCCnet compliant by 2005, says a spokesperson. The worthy goal is to ensure clean data, since directory data results in the loss by consumer packaged-goods companies of sales that amount to 3.5 percent (\$40 billion) each year from incorrect supply chain data. Application of standard data formats through UCCnet can result in large benefits, says UCCnet, since companies can reduce losses related to invoice and product delivery errors by as much as 60 percent. Various data synchronization approaches can be obtained from many vendors, but an expert advises suppliers that either outsource or build their own solutions to purchase scalable systems that can meet expected price and promotion synchronize, radio frequency identification (RFID), and supply chain

collaboration requirements.

COMPANY NAME: UCCnet Inc (725781)
SPECIAL FEATURE: Charts Buyers Guides
DESCRIPTORS: AutoID; Collaborative Commerce; Communications Standards; EDI
(Electronic Data Interchange); Retailers; RFID; Supply Chain Management
REVISION DATE: 20040730

15/5/39 (Item 25 from file: 256)
DIALOG(R) File 256:TecInfoSource
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00145491 DOCUMENT TYPE: Review

PRODUCT NAMES: OmniForm Premium 5.0 (161373)

TITLE: ScanSoft's OmniForm Fills Bill For Forms-Driven Customers
AUTHOR: Ohlhorst, Frank J
SOURCE: CRN, v1033 p51(1) Feb 17, 2003
ISSN: 0893-8377
HOMEPAGE: <http://www.crn.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Filling out forms is time-consuming, but these tasks can be simplified by turning paper forms into electronic ones. OmniForm Premium 5.0, from ScanSoft, can create electronic forms that can be filled out and delivered in many different ways. The product combines a database and a form design tool. The form can be filled out electronically on any Windows-based PC, and converted to a fillable PDF **format** or deployed to a Web site as an HTML document. IT also can be used to generate e-mailable forms, or remotely hosted forms. When designing the form, designers must decide on how the form is going to be filled out. A companion product for network users, OmniForm Filler, is used to fill out the forms created by OmniForm Premium. A quick way to create an electronic form is to scan a paper one. OmniForm does this well with a wizard assistant, which identifies labels and **fields** from the paper form. Forms also can be designed from scratch. Designers must create a text **object** in front of a data **field** to act as a label. Table creation is a powerful addition, which allows for the **creation** of **invoices** or other forms that are driven by tabular data. Many wizards and tools simplify form creation. Calculations are handled by a formula tool. It supports digital signatures for security, which makes digital forms legally binding.

COMPANY NAME: ScanSoft Inc (088358)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Business Forms; Digitizing; Form Generators; IBM PC &
Compatibles; Repurposing; Windows; Windows NT/2000; Windows XP
REVISION DATE: 20030630

15/5/40 (Item 26 from file: 256)
DIALOG(R) File 256:TecInfoSource
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00141000 DOCUMENT TYPE: Review

PRODUCT NAMES: E-Billing (839639)

TITLE: Add Customer Value To E-Bills and Statements

AUTHOR: Greenfield, Avi Anders, Bob

SOURCE: TRANSFORM Magazine, v11 n7 p37(4) Jul 2002

ISSN: 1534-2832

HOME PAGE: <http://www.transformmag.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Many tools and techniques can be used to increase adoption of e-billing systems. E-billing has many advantages, including support for customer communication and Web strategies, optimization of business processes, improved ability to meet customer expectations, and enhanced competitive edge. To add value to e-billing, providers have to consider three phases of the billing cycle where value-added features can be inserted: **bill creation**, **bill delivery**, and **customer interaction**. At creation time, **templates** can be created with focused marketing and personalized promotional **information** included. At delivery time, e-mail notification can tell users who a bill is ready, a payment is due, or a scheduled payment has been made. During customer interaction, Web self-service can be deployed to allow customers to view account information online at any time. With e-billing self-service options enabled and integrated with phone-based or call center systems, consumers have a uniform experience over multiple channels. Many e-billing systems also provide tools that permit consumers to analyze their spending patterns or payment histories and to use the information to modify services or account plans. To build an integrated customer communications strategy, billers should provide rich, interactive e-bills; provide electronic billing and print billing in the same product; and add high-impact hybrid communications, including bills and statements that are delivered through print and electronic venues.

COMPANY NAME: Vendor Independent (999999)

SPECIAL FEATURE: Tables

DESCRIPTORS: Business Planning; E-Billing

REVISION DATE: 20021230

15/5/41 (Item 27 from file: 256)

DIALOG(R) File 256:TecInfoSource

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00137694 DOCUMENT TYPE: Review

PRODUCT NAMES: E-Billing (839639)

TITLE: Silverline develops EID system to eliminate paper invoices

AUTHOR: Paajanen, Bob

SOURCE: Serverworld, v16 n2 p10(1) Feb 2002

ISSN: 1091-4986

HOME PAGE: <http://www.serverworldmagazine.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

The Open Business Exchange (OBE) was created to offer an open platform that would eliminate paper invoices and reduce back office expenses for large

organizations and their suppliers. Their challenge was to develop a paperless invoicing system, which would enable large companies to receive electronic invoices from suppliers, which would flow directly into their accounting systems. Invoicing is still largely manual. Using electronic invoices could reduce the expenses involved in processing by 80 percent. OBE chose Silverline Technologies to develop its billing software. Silverline created an electronic invoice platform for OBE that represents the world's first electronic invoice delivery system. The platform, a universal, open transport invoice translation system, does not require the installation of proprietary software. It can accommodate any invoice **data format**, is easy to implement, and does not require any modifications to a **company**'s existing infrastructure.

COMPANY NAME: Vendor Independent (9999999)
DESCRIPTORS: Communications Standards; E-Billing; Supply Chain Management
REVISION DATE: 20020830

15/5/42 (Item 28 from file: 256)
DIALOG(R) File 256:TecInfoSource
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00130419 DOCUMENT TYPE: Review

PRODUCT NAMES: Contract & Program Portal (045438)

TITLE: Agreement Tracking Via the Internet Holds the Promise of Future...
AUTHOR: Burger, Philip
SOURCE: Electronic Commerce World, v11 n4 p44(1) Apr 2001
ISSN: 1092-0366
HOMEPAGE: <http://www.ecomworld.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

While 89 percent of contracted transactions are handled manually, Internet contract management and tracking technology is expected to be a boom market in coming years. Such companies as I-many, diCarta, and Provato are simplifying agreement management, allowing fewer staff to handle many more contracts. For example, Proctor & Gamble Company has tapped contract management and tracking technology from I-many Incorporated. The I-many system lets Proctor & Gamble manage between 600 and 700 agreements. The system can match **information** from many **formats**, and it offers **customer data**, **product data**, **billing**, payment status, check requests, and other management features. I-many technology also has been implemented by Campbell Group, resulting in a 63 percent reduction in uncollected or disputed deductions relating to contracts. Contract data management technology not only allows companies to track more contracts but to manage more complex agreements.

COMPANY NAME: I-many International Ltd (701122)
DESCRIPTORS: Contracts; E-Commerce; Internet
REVISION DATE: 20031130

15/5/43 (Item 29 from file: 256)
DIALOG(R) File 256:TecInfoSource
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00121872 DOCUMENT TYPE: -Review

PRODUCT NAMES: TELEform (591335); Adobe Acrobat 4.0 (433039); Adobe Reader (583103)

TITLE: Intelligent Time Sheets

AUTHOR: Muraskin, Ellen

SOURCE: Computer Telephony Magazine, v8 n1 p104(2) Jan 2000

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

CNC Global Consulting is using Cardiff Software's TELEform and Adobe Systems' Adobe Acrobat 4.0 and Adobe Acrobat Reader as a way to streamline input of timesheets from 1,300 consultants working across North America to the client billing process. Teleform's Designer was used to redesign a hard-copy timesheet into one that could be faxed or scanned. Teleforms does basic validation and shows screens to human verifiers if it senses any problems. Acrobat makes it possible to program more complete JavaScript verifications and calculations under the **fields**, and Adobe's Portable Data **Format** (PDF) files are tamper-proof and virus-resistant. JavaScript rules are used to automatically total hours and do other calculations on the time sheet. Acrobat Reader is used by the consultants to fill in the forms that are accessed from the company Web server. However, forms that are filled out still have to be printed for supervisors' signatures because, while Acrobat supports digital signatures, the reader does not.

COMPANY NAME: Verity Inc (454427); Adobe Systems Inc (394173)

DESCRIPTORS: Acrobat; Form **Generators**; Intranets; Professional Time & **Billing**; Temporary Help; Time Accounting

REVISION DATE: 20040530

15/5/44 (Item 30 from file: 256)

DIALOG(R) File 256:TecInfoSource

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00120224 DOCUMENT TYPE: Review

PRODUCT NAMES: Mailing Lists (833657)

TITLE: Is There a 'Right' Address Model?

AUTHOR: Moriarty, Terry

SOURCE: Intelligent Enterprise, v2 n15 p66(3) Oct 26, 1999

ISSN: 1524-3621

HOME PAGE: <http://www.intelligententerprise.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

A discussion of the use of a dynamic model and a database to obtain higher-quality address data and to save time in doing so looks at evolving address models. The generalized model exemplified captures only the needed components of the address, while three other models support billing, marketing demographics, and customer relationship management (CRM). For instance, a billing system is one of the first systems a billing company develops. Names and addresses are used mostly to produce mailing labels, and addresses also allow the product or service to be delivered to a

particular place. For delivery purposes, the address could become driving or locating instructions. Text capture is useful for address information when used for sending mail or locating a place. Business functions needing computer-based analysis require better **data** and must capture **data** in a **format** useful to downstream **users**, including marketing departments. To put together **customer** portfolios, **organizations** can match names and addresses over product and billing databases, but one large database of all possible address components is hard to manage. When the address is generalized with Locator, Locator Component, and Locator Component Category, only the components needed for each address are captured.

COMPANY NAME: Vendor Independent (999999)
SPECIAL FEATURE: Charts
DESCRIPTORS: Database Management; List Processing; Mailing Lists
REVISION DATE: 20000130

15/5/45 (Item 31 from file: 256)
DIALOG(R) File 256:TecInfoSource
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00112867 DOCUMENT TYPE: Review

PRODUCT NAMES: Net.Commerce Start 3.11 (729329); AbleCommerce Developer 2.6 (729337); Cat@log 2.5 (660221); Microsoft Site Server 3.0 Commerce Edition (658057); Intershop Merchant Edition 3 (729353)

TITLE: Web Storefront Software
AUTHOR: Munro, Jay Lidsky, David
SOURCE: PC Magazine, v18 n1 p155(12) Jan 5, 1999
ISSN: 0888-8509
HOMEPAGE: <http://www.pcmag.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

IBM' Net.Commerce Start 3.11, Able Solutions' AbleCommerce Developer 2.6, Catalog International's Cat@log 2.5, Intershop Communications' Intershop 3 Merchant Edition, iCat Electronic Commerce Suite 3.0 Professional Edition, Maestro Commerce Suite Professional Edition 3.0, and Microsoft's Microsoft Site Server 3.0 Commerce Edition are reviewed Web storefront solutions that provide the robustness and flexibility to build an e-commerce store of any size or complexity. The tools are affordable, but powerful enough to construct the most advanced Web stores. Unlike low-end products, these products provide full control over content, architecture, management, and merchandising. Net.Commerce Start 3.11 is the editors' choice. It provides particularized setup and administrative abilities, and a robust collection of application programming interfaces (APIs). A Java- and JavaScript-based management front end allows easy administration of separate stores, or of a whole site if the user wishes to build and operate multiple stores under one online roof. However, AbleCommerce and Intershop have better ways to import **data**. Only AbleCommerce Developer forces frames and tables, and neither Cat@log 2.5 nor Net.Commerce Start 3.11 can **generate invoices**, sales reports, or inventory reports. Net.Commerce Start 3.11 also omits e-mail **templates** and e-mail order verification. Maestro Commerce Suite Pro 3.0 is the easiest to use product, but ratings for functionality range from fair to good.

COMPANY NAME: IBM Corp (351245); Able Solutions Corp (652857); Intentionia

Americas (637149); Microsoft Corp (112127); INTERSHOP Communications
Inc. (620611)

SPECIAL FEATURE: Screen Layouts Tables

DESCRIPTORS: Electronic Publishing; IBM PC & Compatibles; Internet
Marketing; Internet Utilities; Java; Network Administration; Network
Software; Order Fulfillment; Retailers; Sales Force Automation

REVISION DATE: 20020730

Set	Items	Description
S1	0	AU=(SIOUFI, A? OR SIOUFI A?)
S2	28533	BILLS OR BILL OR BILLING OR BILLED OR INVOIC?
S3	77255	PERSONALI? OR CUSTOMI? OR PARTICULARI?
S4	945307	TEMPLATE? ? OR OBJECT? ? OR FORMAT? ? OR LIBRARY
S5	931737	PREFILL? OR PRE()FILL??? OR FIELD? ?
S6	1052756	CUSTOMER? OR CLIENT? OR USER? OR PEOPLE OR PERSON? ? OR CO- MPANY OR PARTICIPANT? OR COMPANIES? OR INDIVIDUAL? OR ORGANIZ- ATION? ?
S7	836110	DATA OR INFORMATION OR INFO
S8	1515869	GENERAT? OR PRODUC? OR CREAT?
S9	3670	S2(3N)(S3 OR S8)
S10	399	S9(25N)S4
S11	262	S10(15N)S7
S12	122	S11(15N)S6
S13	9	S12(20N)S5

? show file

File 348:EUROPEAN PATENTS 1978-2005/Jun W04
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File 349:PCT FULLTEXT 1979-2005/UB=20050630,UT=20050623
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13/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01898247

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur Verwaltung von gesicherten Transaktionen und zum Schutz von elektronischen Rechten

Systemes et procedes pour gerer des transactions securisees et pour proteger des droits electroniques

PATENT ASSIGNEE:

Intertrust Technologies Corp., (2434320), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530, (US)

Van Wie, David M., 1250 Lakeside Drive, Sunnyvale, California 94086, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane, London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1531379 A2 050518 (Basic)

APPLICATION (CC, No, Date): EP 2004078195 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS: G06F-001/00; G06F-017/60

ABSTRACT WORD COUNT: 151

NOTE:

Figure number on first page: 75

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200520	173
SPEC A	(English)	200520	167172
Total word count - document A			167345
Total word count - document B			0
Total word count - documents A + B			167345

...SPECIFICATION that places content in its initial VDE container may have a variety of different, configurable **templates** depending on the type of content and/or business model related to the content. An end- **user** may have different configurable **templates** that can be applied to different document types (e-mail, secure internal documents, database records...

13/3,K/2 (Item 2 from file: 348)
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01888484

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

PATENT ASSIGNEE:

ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530, (US)

Van Wie, David M., 1780 East 25th Avenue, Eugene, OR 97403, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane, London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1526472 A2 050427 (Basic)

APPLICATION (CC, No, Date): EP 2004078254 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS: G06F-017/60; G06F-009/46

ABSTRACT WORD COUNT: 151

NOTE:

Figure number on first page: 75

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200517	355
SPEC A	(English)	200517	167222
Total word count - document A			167577
Total word count - document B			0
Total word count - documents A + B			167577

...SPECIFICATION different document types (e-mail, secure internal documents, database records, etc.) and/or subsets of **users** (applying differing general sets of control **information** to different bodies of **users** , for example, selecting a list of **users** who may, under certain preset criteria, use a certain document). Of course, **templates** may, under certain circumstances have fixed control **information** and not provide for **user** selections or parameter data entry.
) support plural, different control models regulating the use and/or...

...modifications to fundamental capabilities of electronic appliances and host operating systems, VDE containers, content control **information** , and the VDE foundation will be able to work with many device types and these device types will be able to consistently and efficiently interpret and enforce VDE control **information** . Through this integration **users** can also benefit from a transparent interaction with many of the capabilities of VDE. VDE...

13/3,K/3 (Item 3 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01869029

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und
elektronischem Rechtsschutz
Systemes et procedes de gestion de transactions securisees et de protection
de droits electroniques

PATENT ASSIGNEE:

ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway,
Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)
Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)
Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530,
(US)

Van Wie, David M., 1250 Lakeside Drive, Sunnyvale, California 94086, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane,
London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1515216 A2 050316 (Basic)
EP 1515216 A3 050323

APPLICATION (CC, No, Date): EP 2004078194 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS: G06F-001/00; G06F-017/60

ABSTRACT WORD COUNT: 144

NOTE:

Figure number on first page: 75C

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200511	276
SPEC A	(English)	200511	167210
Total word count - document A			167486
Total word count - document B			0
Total word count - documents A + B			167486

...SPECIFICATION different document types (e-mail, secure internal documents, database records, etc.) and/or subsets of **users** (applying differing general sets of control **information** to different bodies of **users** , for example, selecting a list of **users** who may, under certain preset criteria, use a certain document). Of course, **templates** may, under certain circumstances have fixed control **information** and not provide for **user** selections or parameter **data** entry.
) support plural, different control models regulating the use and/or auditing of either the...

...these device types will be able to consistently and efficiently interpret and enforce VDE control **information** . Through this integration **users** can also benefit from a transparent interaction with many of the capabilities of VDE. VDE...

...security features of the present inventions.

) provide a family of authoring, administrative, reporting, payment, and **billing** tool **user** applications that comprise components of the present invention's trusted/secure, universe wide, distributed transaction control and administration system. These components support VDE related: **object** creation (including placing control **information** on content), secure object distribution and management (including distribution control

information , financial related, and other usage analysis), client internal VDE activities administration and control, security management, user interfaces, payment disbursement, and clearinghouse related functions. These components are designed to support highly secure...

13/3,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01752676

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

PATENT ASSIGNEE:

ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville Maryland 20705, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda Maryland 20814, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito California 94530, (US)

van Wie, David M., 1250 Lakeside Drive, Sunnyvale California 94086, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane, London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1431864 A2 040623 (Basic)

EP 1431864 A3 050216

APPLICATION (CC, No, Date): EP 2004075701 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS: G06F-001/00; G06F-017/60

ABSTRACT WORD COUNT: 151

NOTE:

Figure number on first page: 77

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200426	1450
SPEC A	(English)	200426	166929
Total word count - document A			168379
Total word count - document B			0
Total word count - documents A + B			168379

...SPECIFICATION or application specific toolset that covers only a limited subset of electronic interaction activities and participants . Rather, VDE supports systems by which such applications can be created , modified, and/or reused. As a result, the present invention answers pressing, unsolved needs by...different document types (e-mail, secure internal documents, database records, etc.) and/or subsets of users (applying differing general sets of control information to different bodies of users , for example, selecting a list of users who may, under certain preset criteria, use a certain document). Of course, templates may, under certain circumstances have fixed control

information and not provide for **user** selections or parameter data entry. <DT><DD>support plural, different control models regulating the use...

13/3,K/5 (Item 5 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00401737

Object addressability in data processing systems

Objektadressierbarkeit in Datenverarbeitungssystemen

Possibilite d'adressage d'objet dans des systemes de traitements de donnees

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,
Armonk, N.Y. 10504, (US), (applicant designated states:
BE;CH;DE;ES;FR;GB;IT;LI;NL;SE)

INVENTOR:

Beitel, Bradley James, 17222 Skyline Boulevard, Woodside, CA 94062, (US)
Haug, Charles Leslie, 410 Sims Road, Santa Cruz, CA 95060, (US)
Sobrinho, Elba Maria, 1362 Greenwich Court, San Jose, CA 95125, (US)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual
Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 403123 A2 901219 (Basic)
EP 403123 A3 930804
EP 403123 B1 970502

APPLICATION (CC, No, Date): EP 90305972 900531;

PRIORITY (CC, No, Date): US 367081 890616

DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: G06F-017/30;

ABSTRACT WORD COUNT: 136

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	513
CLAIMS B	(English)	EPAB97	442
CLAIMS B	(German)	EPAB97	469
CLAIMS B	(French)	EPAB97	536
SPEC A	(English)	EPABF1	4915
SPEC B	(English)	EPAB97	5146
Total word count - document A			5428
Total word count - document B			6593
Total word count - documents A+ B			12021

...ABSTRACT A2

A computer/software system is described which enables a **user** to produce and display an audio/visual application using a **library** of image, audio and story **objects**. The system creates a first **library data** file which includes a list of application files. It then **creates** a **bill** of materials listing for each application file, each listing comprising a first **field** area for an **object** name and a second **field** area for a path definition to where the object is listed in another application bill...

...SPECIFICATION friendly interface.

As disclosed hereinafter by way of example, a computer/software system enables a **user** to produce and display an audio/visual application using a **library** of image, audio and story **objects**. The system creates a

first library data file which includes a list of application files. It then creates a bill of materials listing for each application file, each listing comprising a first field area for an object name and a second field area for a path definition to where the object is listed in another application bill...

...SPECIFICATION friendly interface.

As disclosed hereinafter by way of example, a computer/software system enables a user to produce and display an audio/visual application using a library of image, audio and story objects. The system creates a first library data file which includes a list of application files. It then creates a bill of materials listing for each application file, each listing comprising a first field area for an object name and a second field area for a path definition to where the object is listed in another application bill...

13/3,K/6 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01154140 **Image available**

**METHOD AND SOFTWARE APPLICATION FOR PROCESSING ELECTRONIC DOCUMENTS
PROCEDE ET APPLICATION LOGICIELLE DESTINES AU TRAITEMENT DE DOCUMENTS
ELECTRONIQUES**

Patent Applicant/Assignee:

SAP AKTIENGESSELLSCHAFT, Neurottstr. 16, 69190 Walldorf, DE, DE
(Residence), DE (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

RANDSCHAU Oliver, Beintweg 26, 69181 Leimen, DE, DE (Residence), DE
(Nationality), (Designated only for: US)

MOLLGAARD Doris, Tiefe Gasse 5, 69168 Wiesloch, DE, DE (Residence), DE
(Nationality), (Designated only for: US)

LEUKERT-KNAPP Andreas, Struvestrasse 2, 69124 Heidelberg, DE, DE
(Residence), DE (Nationality), (Designated only for: US)

EMDE Martin, Schonbornstr. 6, 69231 Rauenberg, DE, DE (Residence), DE
(Nationality), (Designated only for: US)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200477317 A1 20040910 (WO 0477317)

Application: WO 2004EP1900 20040226 (PCT/WO EP04001900)

Priority Application: DE 10309171 20030228; DE 10309172 20030228; EP
20034483 20030228; DE 10309559 20030304

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 19419

Fulltext Availability:

Detailed Description

Detailed Description

... and others. An invoice received in this manner may also be converted into an internal **format** and then stored in a table like table 109.

Table 109 contains a multiplicity of columns containing invoice **information** such as **invoice** number, **customer**, date, **product**, price, address etc. The rows in the table 109 comprise **data fields** corresponding to the columns and form the **individual** invoices. The invoices can naturally also be split over a plurality of tables (relational database...

13/3,K/7 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00963611 **Image available**

**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM
FOR RENTAL VEHICLE SERVICES
SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES INTERNET
POUR SERVICES DE LOCATION DE VEHICULES**

Patent Applicant/Assignee:

THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US
, US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US
, US (Residence), US (Nationality), (Designated only for: US)
DE VALLANCE Kimberly Ann, 2037 Silent Spring Drive, Maryland Heights, MO
63043, US, US (Residence), US (Nationality), (Designated only for: US)
HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US,
US (Residence), US (Nationality), (Designated only for: US)
KENNEDY Craig Stephen, 9129 Meadowglen Lane, St. Louis, MO 63126, US, US
(Residence), US (Nationality), (Designated only for: US)
SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US
(Residence), US (Nationality), (Designated only for: US)
TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US
(Residence), US (Nationality), (Designated only for: US)
KLOPFENSTEIN Anita K, 433 Schwarz Road, O'Fallon, IL 62269, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HAFERKAMP Richard E (et al) (agent), Howell & Haferkamp, L.C., Suite
1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200297700 A2 20021205 (WO 0297700)
Application: WO 2001US51431 20011019 (PCT/WO US0151431)
Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 237932

Fulltext Availability:
Detailed Description

Detailed Description

... method of doing business. This added functionality allows the invention, for example, to provide the **user** with access to other suppliers in the same seamless and integrated manner. In other words, the **user** now has access to not just one integrated business but multiple businesses, some of which...this second mainframe server 38 to conduct the integrated business functions of a service provider **organization**. Instead of communicating with the branch offices directly, a reservation may be communicated to a...the renter's claim number and date of loss, key that information in the appropriate **fields**.

2) Click Next.

3) If an exact match is not found, the Select Reservations/Rentals...

...exact match is found, the Change Reservation/Rental screen appears (page 5).

Any combination of **information** may be used to narrow the search for reservations/rentals.

Use the Status **field** in conjunction with the other information keyed to further narrow the search. If the Status **field** is left blank, the system searches all reservations/rentals.

Use the Status drop-down menu...D Refund
Sottlwaent of BalAnce Due
Paid @@o B
400

. 0.0 'By Crtidit Card
Bill .00 'To Cust# -A/R Description
Bill 100 'To Cust# A/R Description
,,-Bill .400 'Vame: (Last*First*,) T.T.L.
Attri...is read, and
if the Group Type is not @OFN
-Complete the build of the **data** queue entry record.

-From the APPD01 **format**, move the Profile id, **Customer** Transaction Id, Vendor Transaction Id, -Group Type, Date, and Time to their appropriate **fields** in DQAM55VI external **data** structure, AM055X.

-If Tran action Type (AM05SX) is blank, move an %%I%aternal to the **field**.

-Send the data queue entry to DQAM55V1.

-Clear the AM055X format for the next record...1.) Convert this OPM RPG/400 program to an ILE RPG module and have this

-- data replacement enforcement logic used as the transaction data set's record format's field are being loaded. t
2.) Replace the execution of the ARMS Handle Internal Error (IAM0097V3... Taxes Charged Sub-Total Amount. Then, if the centralized ARMS database needs to retain this information for transaction credit purposes, a new internal format, IEBT02, can be loaded during "Generate Electronic Billing Invoicem in the transaction set and can be utilized and stripped off from the outbound...
...that is sent to the trading partner. However, it would be simple if these new fields were interrogated from a centralized archive repository of closed rental contracts for the ARMS Transaction... callback's current EXTENSION DATE is replaced with this input transaction's data set's customer request for extension detail (CRED01) record format's non-zero TERMINATION DATE, regardless if ...EXTENSION DATE is a Saturday or Sunday date. Likewise, a callback detail note record is generated to indicate the replaced EXTENSION DATE with an 0 Rental Terminated On: mm/dd/yyw...

13/3,K/8 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00933152 **Image available**

EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM
FOR RENTAL VEHICLE SERVICES

SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES,
FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES

Patent Applicant/Assignee:

THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US
, US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US
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HASELHORST Randall Allan, 1016 Scenic Oaks Court, Imperial, MO 63052, US,
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KENNEDY Craig Stephen, 9129 Meadowglen Lane, St. Louis, MO 63126, US, US
(Residence), US (Nationality), (Designated only for: US)

SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US
(Residence), US (Nationality), (Designated only for: US)

TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US
(Residence), US (Nationality), (Designated only for: US)

KLOPFENSTEIN Anita K, 433 Schwarz Road, O'Fallon, IL 62269, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HAFERKAMP Richard E (et al) (agent), HOWELL & HAFERKAMP, L.C., Suite
1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200267175 A2 20020829 (WO 0267175)

Application: WO 2001US51437 20011019 (PCT/WO US0151437)

Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 243912

Fulltext Availability:

Detailed Description

Detailed Description

... by simple re-programming of the web portal
which minimizes the effort and enhances the " **user** friendly"
aspect to the present invention.

Not only are these "global" improvements made available
with the second parent's invention, there are other more
particularized improvements that add functionality within the
operating framework of the second parent's invention. For
example, one such improvement is the ability to "virtually"
assign work groups within the **user** so that, for example,
multiple adjusters might be made into a team with a shared...Still
another feature includes further integration of the internal
data bases kept by permitting a **user** to automatically update
not just one but several **data** bases with a single command once
that new **data** is entered into a single menu. For example, in
what can be referred to as "power **templates**". a **user** may enter
a multiple number of rental reservations on a single menu and
then click...feature provided by the invention is a
facility for marketing cars for sale/lease to **customers**. As
explained above, a **customer** will occasionally be forced to
replace his vehicle at the same time that he is...Name

Uployer PoS it J*o'n yrs MOB

cmd'7=AAI CmdI2=Pzevious EnterwUpdate

Information keyed here Vill not appear on the Open Rental Ticket This
is reference **information** to be viewed within the reservation system.

1. KeyRenter ID information: Name (Last Name*First...Source ID Screen.
NOTE: Ifyour name is not on the list, key 999999 as the **Bill** to Cust#
and type your Last Name* First Narne* on the name line. Key 999...has not
been constructed correctly.

rime Out Invalid: Time out has been keyed incorrectly, or **field** left
blank.

PageVM

EXHIBIT B

06

oo

CIL

IDD ID,

, r

en

r"

C-i...Generate EC
 Authorization
 PGM Retrieve Mpintemance
 achine Attributes Request
 (RTVEMCHA) ECOORAVI)
 of PGM Retrieve
 ARMS **Data**
 A (AM2090VI)
 ... 3.1
 PGM Retrieve
 Machine ID
 (AM2050V1)
 AL
 PGM Validate **Data**
 and Convert **Format**
 1 1 3.10(1/4) (CCDATE)
 PGM Perform Internal
 Error PsgkV and
 Messai;4 (AMPSSR)
 A
 ----- ...

PGM Generate EC ACR
 Authorization
 Confirmation
 (ECOOACVI)
 PGM **Generate** EC
 Request for
 Authorization
 Canceflation
 (ECOORCV1)

i 1 62.8(214)
 PGM Retrieve
 PGM Perform...are Direct Billing/Remittance Trading Partners, such as
 Lnessee Valley Authority (an Enterprise Fleet Services **customer**).
 Wiles: (CRUD)
 AMTRN (-R-.)
 AMSET (C--
 AMIEBT (-R--)
 AMIEBH (-R--)
 ARMSPR1 (-R-.)
 @Embedded **Data** /Constants.

101234567891 Named constant to check for numeric **fields** .

Valid values for **BILLING INVOICE STATUS** in the RMTD01 record **format**

'PI = Payment (Can be in full or a partial payment).

'R' = Rejected (must have additional...AND the BCO.or luster code is
 different than on the ARMS centralized database, then **generate** a nE
 :omatic pseudo-rental Authorization Change (AT) transaction set
 containing only- ar luster detail (ADJD01) record **format** for an
 adjuster/BCO change to be routed to a ;tributed rental application system
 host platform. This is done to update Bill-Tc 3tomer **information** in the
 rental system database files for this rental transactioT the EC00ATV1
 program processing, since...80-position work file PILE80) in this active
 job session's QTEMP Temporary Job Session **library** and @quentially block

its access with 409 records-per block.

@Notes.

This program was **created** and is stewarded by the **Information Systems** support Department's ISA Group.

No parameters are used in the execution of this...

13/3,K/9 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00344642

SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION

SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION ELECTRONIQUE DES DROITS

Patent Applicant/Assignee:

ELECTRONIC PUBLISHING RESOURCES INC,

Inventor(s):

GINTER Karl L,

SHEAR Victor H,

SPAHN Francis J,

VAN WIE David M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9627155 A2 19960906

Application: WO 96US2303 19960213 (PCT/WO US9602303)

Priority Application: US 95388107 19950213

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE
KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY KG KZ RU TJ TM
AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 207972

Fulltext Availability:

Detailed Description

Detailed Description

... is turned off).

High-speed RAM 534a stores active code to be executed and associated **data** structures.

NVRAM 534b preferably contains certain keys and summary values that are preloaded as part...

?

Set	Items	Description
S1	0	AU=(WRIGHT C? OR WRIGHT, C?)
S2	2401863	BILLS OR BILL OR BILLING OR BILLED OR INVOIC?
S3	1076162	PERSONALI? OR CUSTOMI? OR PARTICULARI?
S4	1204078	TEMPLATE? ? OR OBJECT? ? OR FORMAT? ? OR LIBRARY
S5	2353804	PREFILL? OR PRE()FILL??? OR FIELD? ?
S6	11188598	DATA OR INFORMATION OR INFO
S7	5236	S2(5N)S3
S8	73666	S2(4N) (GENERAT? OR PRODUC? OR CREAT?)
S9	77900	S7 OR S8
S10	15281	OBJECT? ?(2N) (SOFTWARE OR APPLICATION OR PROGRAM? OR LIBRA- RY)
S11	12	S9(S)S10
S12	11	RD (unique items)

? show file

File 20:Dialog Global Reporter 1997-2005/Jul 05
(c) 2005 The Dialog Corp.

File 476:Financial Times Fulltext 1982-2005/Jun 30
(c) 2005 Financial Times Ltd

File 610:Business Wire 1999-2005/Jul 05
(c) 2005 Business Wire.

File 613:PR Newswire 1999-2005/Jul 05
(c) 2005 PR Newswire Association Inc

File 624:McGraw-Hill Publications 1985-2005/Jul 01
(c) 2005 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2005/Jul 02
(c) 2005 San Jose Mercury News

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

?

12/3,K/1 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

22763568 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Hands On - Visual Programming - Objects of desire.
PC WORLD, p201
March 01, 2002
JOURNAL CODE: WPCW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1453

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... look at an ordering system and break it down into such things as customer, salesperson, **product**, order, order item, **invoice** and so on. At this point everything looks good, but real-world applications are complex...

12/3,K/2 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

16941825 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Bugbears beat the system : John Murphy describes the damage done by code errors, which are rife even in highly sophisticated programs
JOHN MURPHY
HERALD (UNITED KINGDOM), p9
May 25, 2001
JOURNAL CODE: FGH LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 611

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... programming, pieces of software are written to perform various business processes, such as raising an **invoice** or **creating** a new customer record. These are knitted together to produce full systems. The argument goes...

12/3,K/3 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

07798234 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Taqua Systems Announces the OCX(TM) Telephony Toolbox
PR NEWSWIRE
October 18, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 817

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Dynamic APIs, billing, provisioning, and network management. The Telephony Toolbox employs a powerful combination of **object** oriented **software** and finite state machines to create a platform that grants greater access to and manipulation...

12/3,K/4 (Item 4 from file: 20)

DIALOG(R)File.. 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

01480437 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Pebblesoft Learning Teams With SilverStream Software

BUSINESS WIRE

April 27, 1998 11:2

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 648

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... is implemented as a thin Internet client and organizes and optimizes learning by creating an **object** resource **library**. This single repository of information enables course customization and creation while adapting to the user...

12/3,K/5 (Item 1 from file: 610)

DIALOG(R)File 610:Business Wire

(c) 2005 Business Wire. All rts. reserv.

00619879 20011113317B2795 (USE FORMAT 7 FOR FULLTEXT)

Gupta Unveils Latest Version of Team Developer 4GL Tool Set for Business Applications; Team Developer 2.1 Cuts the Costs of Software Development With Ultra-Fast 4GL

Business Wire

Tuesday, November 13, 2001 07:54 EST

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 581

...detail desired, from the

- actions of one message to the complete source code
- Full OOP (**object** -oriented **programming**) including multiple inheritance and polymorphism to boost development productivity
- Rich reporting capabilities to **create invoices** and monthly reports
- Web development capabilities that reduce the time to develop and maintain web...

12/3,K/6 (Item 2 from file: 610)

DIALOG(R)File 610:Business Wire

(c) 2005 Business Wire. All rts. reserv.

00021587 1999085B1178. (USE FORMAT 7 FOR FULLTEXT)

Convergys Corporation Integrates Convergent Biller Into Solution Set

Business Wire

Friday, March 26, 1999 12:21 EST

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 722

...customer contract terms

(i.e. pricing plans) with just a few keystrokes and enable the **creation** of many **customized bill** and report formats through the use of **objects**

all without **programming**.

Convergys will enable clients to apply these new convergent features--
to existing billing systems by...

12/3,K/7 (Item 1 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

0593795

Objects for an Open Tomorrow: If the technology is so immature, how come
users have been successful in developing mission-critical distributed
object applications?

Michael Goulde
Open Computing, Vol. 11, No. 8, Pg 33
August, 1994
JOURNAL CODE: UNIX
SECTION HEADING: IN ANALYSIS ISSN: 0739-5922
WORD COUNT: 675

TEXT:

...tools, languages, or components.

The goal they set out to accomplish was to represent business **objects**
in **software** and to model business processes as the relationship and
interactions among business objects. A business...
...orders, invoices, and accounts are business objects. The steps of taking
an order, fulfilling it, **billing** for the service or **product**, and
recording payment is a business process.

Object-oriented applications model business processes by hooking...

12/3,K/8 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1036478

NYF010

PC DOCS Group's CMS Data Corporation Signs Weil, Gotshal & Manges LLP

DATE: December 20, 1996 10:00 EST WORD COUNT: 630

... the professional services market and is recognized as an industry
leader. Designed using sophisticated C++ **object** -oriented **programming**,
CMS OPEN is available on multiple operating systems, relational databases
and hardware platforms including Windows...

... compatible with all major software applications such as Microsoft Word,
WordPerfect and Excel. The core **product** consists of timekeeping,
disbursement, **billing** and general ledger modules. The system can be
easily upgraded with add-on modules such...

12/3,K/9 (Item 2 from file: 813)

DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0983124

LAM003

**00 Methodology and Libraries Achieve 80 Percent Reuse PSW Technologies'
Genova Reduces Deployment Risk for Object-Oriented Systems**

DATE: August 12, 1996 08:01 EDT WORD COUNT: 801

... management, purchasing, billing and EDI can take advantage of these complete application systems. Core business objects within the library include customers, products, invoices and purchase orders.

Using Genova

The process-driven Genova methodology is made up of iterative...

12/3,K/10 (Item 3 from file: 813)

DIALOG(R) File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

0854681

LA021

ORACLE SHIPS INTERACTIVE APPLICATION OBJECTS SOFTWARE DEVELOPMENT KIT

DATE: August 29, 1995 08:02 EDT WORD COUNT: 671

...architecture is also distributed, enabling objects to reside anywhere within a heterogeneous network.

"Oracle Interactive Application Objects will revolutionize the way multimedia applications are created for interactive television and other online systems...

...by minimizing development time and masking the complexity of back-end services such as ordering, billing and managing accounts."

The production version of the Oracle Interactive Application Objects SDK is expected to be available in early 1996. The Interactive Application Objects SDK is currently available on Sun Microsystems, Sequent and Hewlett-Packard platforms, with others to...

12/3,K/11 (Item 4 from file: 813)

DIALOG(R) File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

0166486

LA005

ASHTON-TATE SHIPS FRAMEWORK III RUNTIME

DATE: May 9, 1989 07:06 E.T. WORD COUNT: 453

...is the first integrated runtime product available, but also because it offers these developers increased productivity and profitability," said Bill Lyons, Ashton-Tate's vice president of PC Applications.

"The increased productivity comes from the...

...is the benefit of a royalty-free license."

Framework III RunTime includes:

-- FRED. a powerful **object** -oriented **programming** (OOP) language with over 175 commands, that provides easy integration and data exchange between modules...

...smaller pieces. This is conducive to creating modular applications, which are easy to modify.
-- An **object** -oriented **programming** environment, including encapsulation, message passing, inheritance and late binding. This allows programmers to create flexible...
?